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COMMISSION ON NOMENCLATURE, PROPERTIES AND UNITS^a

AND

INTERNATIONAL FEDERATION
OF CLINICAL CHEMISTRY

COMMITTEE ON NOMENCLATURE, PROPERTIES AND UNITS^b

**PROPERTIES AND UNITS IN THE CLINICAL
LABORATORY SCIENCES
II. KINDS-OF-PROPERTY**

(IUPAC Recommendations 1997)*

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Properties and units in the clinical laboratory sciences—II. Kinds-of-property (IUPAC Recommendations 1997)

Synopsis

The document circumscribes the concept 'kind-of-property' (property in a general sense) and lists the kinds-of-property mostly used in the clinical laboratory sciences.

The concepts are as defined in the "Compendium of terminology and nomenclature of properties in clinical laboratory sciences", except for a few that are defined intuitively.

Each is given a unique code value and is expressed in different languages for use in the assembly of terms representing individual properties.

Preface

The present document is the second part of a series on quantities measured in the clinical laboratory sciences initiated in 1987.

The series will comprise:

- I Syntax and semantic rules [1]
- II Kinds-of-property
- III Elements (of properties) and their code values
- IV Properties and code values
- V Properties and units in Thrombosis and Haemostasis [2]
- VI Properties and units in IOC defined Drugs of Abuse
- VII Properties and units in Inborn Errors of Metabolism
- VIII Properties and units in Clinical Bacteriology
- IX Properties and units in Trace elements
- X Properties and units in General Clinical Chemistry
- XI Coding systems - Structure and guidelines
- XII Properties and units in Clinical Pharmacology and Toxicology
- XIII Properties and units in Reproduction and Fertility

The size and complexity of part III and IV is such that they will be presented in electronic format. This is for ease of handling and to facilitate expression of concepts in different languages.

The overall aim is access by electronic media of:

"Compendium of terminology and nomenclature of properties in clinical laboratory sciences" [3].

"Glossary of terms in quantities and units in clinical chemistry" [4].

"Properties and units in the clinical laboratory sciences".

Terms for kinds-of-property in different languages have been prepared in:

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INTRODUCTION

The performance of tests in the clinical laboratory may be more formally described as the *measurement or observation of properties* which are attributes of patients under investigation.

In this document, the term *property* is used to represent the more general concept of which *quantity* is a sub-type. In this usage, a *property* may be either measurable (for example, the concentration of glucose in plasma) or non-measurable (for example, the colour of a patient's urine -- a property which may be observed but not measured).

A *measurable property* is called a *quantity*; as yet, no standard term for non-measurable properties has entered common usage.

A formal statement of the result of a laboratory examination must include the name of the property in question.

NOTE: This may seem like stating the obvious; however, in daily practice the results of measurements are often given without any mention of the name of the quantity which is taken for granted. For example, the result of measurement of the substance concentration of glucose in plasma may be given as: "Plasma glucose = 4,5 mmol/l" or "Plasma glucose 4,5 mmol/l" or, in the worst case "glucaemia 4,5 mmol/l".

These statements are logically incomplete; they appear to assign a value to the entity "Plasma glucose", instead of to the actual quantity measured which is the plasma glucose *concentration*.

A structure for naming quantities in clinical laboratory sciences [5], first proposed in 1966 [6], is the basis for the construction of *systematic names* of quantities, with the format:

System—Component; kind-of-quantity

NOTE: "Kind-of-quantity" is a special term for the name of a quantity in the most general sense, that is, the quantity without specification of the system or component. Because of the several distinct (but related) meanings of the word "quantity" in different contexts, the term "kind-of-quantity" is necessary to avoid ambiguity in documents such as this. The term is usually written with hyphens to emphasize that it is a term which represents a single concept.

To extend the application of the standard naming structure to properties which are observed but not measured, the term kind-of-property has been introduced to represent the more general concept of which kind-of-quantity is a special case. Thus the systematic name of an observable property has the structure:

System—Component; kind-of-property

This document lists *kinds-of-property* relevant to the needs of clinical laboratories, and are therefore needed in the construction of systematic names of the properties examined by

laboratories. Most of the properties in question are *measurable*, i.e. they are *quantities*. Where this is the case, the *kind-of-property* may alternatively be called a *kind-of-quantity*.

A systematic survey of kinds-of-property and their dimensions is given in "Compendium of terminology and nomenclature of properties in clinical laboratory sciences" [3]. It comprises no less than 159 entries, out of which 42 are of dimension 'one'. The present document primarily lists the kinds-of-property used in the reporting of measurements or observations from clinical laboratories.

For purpose of facilitating transfer over language barriers, most entries are defined by reference to [3] and all are given a code value for identification. The kind-of-property is then expressed by terms in different languages from the defining dimensions given in [3].

The expressions are suggestions and may be replaced by other expressions identifying the same concept. For example QU50010 "substance fraction", defined in [3, para 8.11.1] can equally well be expressed as "amount fraction" or "mole fraction". QU50001 "amount of substance" [3, para 9.89.1] has the synonym "chemical amount". QU50013 "substance ratio" has the synonyms "amount ratio" and "mole ratio".

To save space, some have been given also in a contracted form. An example of the use is given for most kinds-of-property with reference (NPUxxxxx) to part IV 'Properties and code values'.

In a formal treatment of quantities and units a numerical value should be symbolized by {A} [7]. In the examples given in the list of kinds-of-property a "?" has been used to represent the value of a result for properties including quantities.

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List of kinds-of-property

QU50001	Kind-of-property	Abbreviation	Definition: Silver 9.89.1
English	amount of substance	am.s.	
Français	quantité de matière	mat.	
Català	quantitat de substància	subst.	
Česky	látkové množství		
Cymraeg	swm y sylwedd	swm	
Dansk	stofmængde	stofm.	
Deutsch	Stoffmenge		
Español	cantidad de sustancia	sust.	
Italiano	quantità di sostanza	qst.	
Nederlands	hoeveelheid stof	hoev.stof	
Norsk	stoffmengde	stoffm.	
Português	quantidade de substância	q.subst.	
Slovensky	látkové množstvo		
Svenska	substansmängd	mängd	
Suomi	ainemäärä	ainem.	
Example	[NPU04973] Urine—Cortisol; amount-of-substance(24 hours - 0 hour before challenge; procedure) = ? nanomole		
QU50002	Kind-of-property	Abbreviation	Definition: Silver 9.89.1
English	entitic amount of substance	entitic am.s.	
Français	quantité de matière entitique	mat.entitique	
Català	quantitat de substància entítica	subst.entítica	
Česky	entitické látkové množství		
Cymraeg	swm entitig y sylwedd	swm entitig	
Dansk	entitisk stofmængde	entitisk stofm.	
Deutsch	zahlenbezogene Stoffmenge		
Español	cantidad de sustancia entítica	sust.entítica	
Italiano	quantità di sostanza entitica	qstent.	
Nederlands	entitieke hoeveelheid stof	entitieke stof	
Norsk	entitisk stoffmengde	entitisk stoffm.	
Português	quantidade de substância entítica	q.subst.ent.	
Slovensky	entitické látkové množstvo		
Svenska	entitisk substansmängd	entitisk mängd	
Suomi	entiteettinen ainemäärä	entit.ainem.	
Example	[NPU02320] Erythrocytes(Blood)—Haemoglobin(Fe); entitic amount of substance = ? fmol		
QU50003	Kind-of-property	Abbreviation	Definition: Silver 9.95.1
English	substance concentration	subst.c.	
Français	concentration de matière	c.mat.	
Català	concentració de substància	c.subst.	
Česky	látková koncentrace		
Cymraeg	crynodiad y sylwedd	c.	
Dansk	stofkoncentration	stofk.	
Deutsch	Stoffkonzentration		
Español	concentración de sustancia	c.sust.	
Italiano	concentrazione di sostanza	cst.	
Nederlands	stofconcentratie	stofc.	
Norsk	stoffkonsentrasjon	stoffk.	
Português	concentração de substância	conc.subst.	
Slovensky	koncentrácia látky		
Svenska	substanskoncentration	subst k	
Suomi	ainepitoisuus	ainepit.	
Example	[NPU01886] Plasma—Digoxin; substance concentration = ? nmol/l		

QU50005	Kind-of-property	Abbreviation	Definition: Silver 8.11.4
English	relative substance concentration	rel.subst.c.	
Français	concentration en matière relative	c.mat.rel.	
Català	concentració de substància relativa	c.subst.rel.	
Česky	relativní látková koncentrace		
Cymraeg	cymharol crynodiad y sylwedd	c.cymharol	
Dansk	relativ stofkoncentration	rel.stofk.	
Deutsch	relative Stoffkonzentration		
Español	concentración de sustancia relativa	c.sust.rel.	
Italiano	concentrazione di sostanza relativa	cstrel.	
Nederlands	relatieve stofconcentratie	rel.stofc.	
Norsk	relativ stoffkonsentrasjon	rel.stoffk.	
Português	concentração de substância relativa	conc.subst.rel.	
Slovensky	pomer koncentracíí		
Svenska	relativ substanskoncentration	rel subst k	
Suomi	suhteellinen ainepitoisuus	suht.ainepit.	
Example	[NPU01637] Plasma—Coagulation factor IX; relative substance concentration(immunological; actual/norm) = ?		
QU50006	Kind-of-property	Abbreviation	Definition: Silver 9.95.1
English	threshold substance concentration	threshold subst.c.	
Français	concentration en matière liminale	c.mat.lim.	
Català	concentració de substància llindar	c.subst.lindar	
Česky	prahová látková koncentrace		
Cymraeg	trothwy crynodiad y sylwedd	troth.c.	
Dansk	tærskel stofkoncentration	tærskel stofk.	
Deutsch	stoffkonzentrations Schwelle		
Español	concentración de sustancia umbral	c.sust.umbral	
Italiano	concentrazione soglia di sostanza	cst.soglia	
Nederlands	drempelwaarde van stofconcentratie	dr.w.stofconc.	
Norsk	terskel stoffkonsentrasjon	terskel stoffk.	
Português	concentração limiar de substância	conc.subst.lim.	
Slovensky	prahová látková koncentrácia		
Svenska	tröskel substanskoncentration	tröskel subst k	
Suomi	ainepitoisuuden kynnyсарvo	ainepit.kyn.arvo	
Example	[NPU01114] Thrombocytes(Blood)—Aggregation, serotonin-induced; threshold substance concentration((0 0,5 1 2 5 10 20) µmol/l) = ? µmol/l		
QU50008	Kind-of-property	Abbreviation	Definition: Silver 9.95.1
English	substance concentration increment	subst.c.incr.	
Français	incrément de concentration en matière	incr.c.mat.	
Català	increment de concentració de substància	incr.c.subst.	
Česky	přírůstek látkové koncentrace		
Cymraeg	cynyddran crynodiad y sylwedd	cynydd.c.	
Dansk	stofkoncentrationsøgning	stofk.øgn.	
Deutsch	stoffkonzentrations Zunahme		
Español	incremento de concentración de sustancia	incr.c.sust.	
Italiano	incremento di concentrazione di sostanza	incr.cst.	
Nederlands	stofconcentratietoename	stofc.toen.	
Norsk	stoffkonsentrasjonsøkning	stoffk.økn.	
Português	incremento de concentração de substância	incr.conc.subst.	
Slovensky	prírastok koncentracíe		
Svenska	substanskoncentrationsökning	subst k ökn	
Suomi	ainepitoisuuden lisäys	ainepit.lis.	
Example	[NPU03841] Plasma—Glucose; substance concentration increment(maximum minus 0 min) = ? mmol/l		

QU50009	Kind-of-property	Abbreviation	Definition: Silver 9.98.1
English	substance content	subst.cont.	
Français	contenu en matière	cont.mat.	
Català	contingut de substància	cont.subst.	
Česky	látkový obsah		
Cymraeg	cynnwys y sylwedd	sywlw.cynn.	
Dansk	stofindhold	stofindh.	
Deutsch	Stoffgehalte		
Español	contenido de sustancia	cont.sust.	
Italiano	contenuto di sostanza	cont.st.	
Nederlands	stofgehalte	stofgeh.	
Norsk	stoffinnhold	stoffinnh.	
Português	conteúdo de substância	cont.subst.	
Slovensky	obsah látky		
Svenska	substansinnehåll	subst inneh	
Suomi	ainemäärä	ainem.	
Example	[NPU01975] Mammary cytosol protein—Estradiol receptor(total); substance content = ? nmol/kg [NPU01445] Calculus(Urine)—Calcium carbonate; substance content = ? mol/kg		
QU50010	Kind-of-property	Abbreviation	Definition: Silver 8.11.1
English	substance fraction	subst.fr.	
Français	fraction de matière	fr.mat.	
Català	fracció de substància	fr.subst.	
Česky	látkový podíl		
Cymraeg	ffracsiwn y sylwedd	frac.sylw.	
Dansk	stoffraktion	stoffr.	
Deutsch	Stoffanteil		
Español	fracción de sustancia	fr.sust.	
Italiano	frazione di sostanza	fr.st.	
Nederlands	stoff fractie	stoffr.	
Norsk	stofffraksjon	stofffr.	
Português	fração de substância	fr.subst.	
Slovensky	mólový zlomok		
Svenska	substansfraktion	subst fr	
Suomi	aineosuus	aineos.	
Example	[NPU02725] Haemoglobin(Fe)(Blood)—Methaemoglobin(Fe); substance fraction = ?		
QU50011	Kind-of-property	Abbreviation	Definition: Silver 9.101.1
English	substance rate	subst.rate	
Français	débit en matière	débit mat.	
Català	cabal de substància	cabal subst.	
Česky	látková změna		
Cymraeg	cyfradd y sylwedd	cyf.sylw.	
Dansk	stofhastighed	stofhast.	
Deutsch	Stoff(strom)geschwindigkeit		
Español	caudal de sustancia	caudal sust.	
Italiano	velocità di sostanza	vtst.	
Nederlands	stof(stroom)snelheid	stofsnelh.	
Norsk	stoffhastighet	stoffhast.	
Português	taxa de substância	tax.subst.	
Slovensky	látková zmena		
Svenska	substansflöde	subst flöde	
Suomi	ainenopeus	ainenop.	
Example	[NPU02191] Patient(Urine)—Glucose excretion; substance rate(1996-04-05 09:35; -04-09 09:45) = ? mmol/d		

QU50013	Kind-of-property	Abbreviation	Definition:
English	substance ratio	subst.ratio	Silver 8.11.2
Français	rapport de matière	rapport mat.	
Català	quocient de substància	quocient subst.	
Česky	látkový poměr		
Cymraeg	cymhareb y sylwedd	cymh.sylw.	
Dansk	stofratio		
Deutsch	Stoffverhältnis		
Español	cociente de sustancia	cociente sust.	
Italiano	rapporto di sostanza	rst.	
Nederlands	stofverhouding	stofverh.	
Norsk	stoffratio		
Português	razão de substância	raz.subst.	
Slovensky	molový pomer		
Svenska	substanskvot	subst kvot	
Suomi	ainesuhde		
Example	[NPU03432] Sweat—Sodium ion/Potassium ion; substance ratio = ? [NPU02576] Amniotic fluid—Phosphatidylcholine/Sphingomyelin; substance ratio(1,0 1,5 2,0 - - - - 5,0; procedure) = ?		
QU50015	Kind-of-property	Abbreviation	Definition:
English	relative substance ratio	rel.subst.ratio	-
Français	rapport relatif de matière	rapport rel.mat.	
Català	quocient de substància relativa	quocient subst.rel.	
Česky	relativní látkový poměr		
Cymraeg	cymhareb cymharol y sylwedd	cymh.sylw.cymharol	
Dansk	relativ stofratio	rel.stofratio	
Deutsch	relative Stoffverhältnis		
Español	cociente de sustancia relativa	cociente sust.rel.	
Italiano	rapporto di sostanza relativo	rstrel.	
Nederlands	relatieve stofverhouding	rel.	
Norsk	relativ stoffratio	rel.stoffratio	
Português	razão relativa de substância	raz.rel.subst.	
Slovensky	relatívny molový pomer		
Svenska	relativ substanskvot	rel subst kvot	
Suomi	suhteellinen ainesuhde	suht.ainesuhde	
Example	[NPU04029] Cerebrospinal fluid—Immunoglobulin G/Albumin; relative substance ratio(Cerebrospinal fluid/Plasma) = ?		
QU50020	Kind-of-property	Abbreviation	Definition:
English	mass		Silver 9.8.1
Français	masse		
Català	massa		
Česky	hmotnost		
Cymraeg	màs		
Dansk	masse		
Deutsch	Masse		
Español	masa		
Italiano	massa	ms.	
Nederlands	massa		
Norsk	masse		
Português	massa	mas.	
Slovensky	hmotnosť		
Svenska	massa		
Suomi	massa		
Example	[NPU03812] Urine—Protein; mass(24 h) = ? g		

QU50021	Kind-of-property	Abbreviation	Definition: Silver 9.99.1
English	molar mass		
Français	masse molaire		
Català	massa molar		
Česky	molární hmotnost		
Cymraeg	màs molar		
Dansk	molær masse		
Deutsch	molare Masse		
Español	masa molar		
Italiano	massa molare		
Nederlands	molaire massa	mamol.	
Norsk	molar masse		
Português	massa molar	mas.mol.	
Slovensky	molárna hmotnosť		
Svenska	molar massa		
Suomi	moolimassa		
Example	Amfepramone; molar mass = 205,30 g/mol		
QU50023	Kind-of-property	Abbreviation	Definition: Silver 9.14.2
English	mass concentration	mass c.	
Français	concentration en masse	c.masse	
Català	concentració de massa	c.massa	
Česky	hmotnostní koncentrace		
Cymraeg	crynodiad màs	c.màs	
Dansk	massekonzentration	massek.	
Deutsch	Massenkonzentration		
Español	concentración de masa	c.masa	
Italiano	concentrazione di massa	cms.	
Nederlands	massaconcentratie	massac.	
Norsk	massekonsentrasjon	massek.	
Português	concentração de massa	conc.mas.	
Slovensky	hmotnostná koncentrácia		
Svenska	masskoncentration	massk	
Suomi	massapitoisuus	massapit.	
Example	[NPU03279] Seminal plasma—Protein; mass concentration = ? g/l		
QU50024	Kind-of-property	Abbreviation	Definition: Silver 8.6.4
English	relative mass concentration	rel.mass c.	
Français	concentration en masse relative	c.masse rel.	
Català	concentració de massa relativa	c.massa rel.	
Česky	relativní hmotnostní koncentrace		
Cymraeg	crynodiad màs cymharol	c.màs cymharol	
Dansk	relativ massekoncentration	rel.massek.	
Deutsch	relative Massenkonzentration		
Español	concentración de masa relativa	c.masa rel.	
Italiano	concentrazione di massa relativa	cmsrel.	
Nederlands	relatieve massaconcentratie	rel.massac.	
Norsk	relativ massekonsentrasjon	rel.massek.	
Português	concentração relativa de massa	conc.rel.mas.	
Slovensky	pomer hmotnostných koncentrácií		
Svenska	relativ masskoncentration	rel massk	
Suomi	suhteellinen massapitoisuus	suht.massapit.	
Example	[NPU03846] Air—Water vapour; relative mass concentration(temperature <i>t</i> ; actual/maximum) = ?		
QU50025	Kind-of-property	Abbreviation	Definition: Silver 9.14.2
English	threshold mass concentration	threshold mass c.	
Français	concentration en masse liminale	c.masse lim.	
Català	concentració de massa llindar	c.massa llindar	

Česky	prahová hmotnostní koncentrace	
Cymraeg	trothwy crynodiad màs	troth.c.màs
Dansk	tærskel massekoncentration	tærskel massek.
Deutsch	massenkonzentrations Schwelle	
Español	concentración de masa umbral	c.masa umbral
Italiano	concentrazione soglia di massa	cms.soglia
Nederlands	drempelwaarde van massaconcentratie	dr.w.massaconc.
Norsk	terskel massekonsentrasjon	terskel massek.
Português	limiar de concentração de massa	lim.conc.mas.
Slovensky	prahová hmotnostná koncentrácia	
Svenska	tröskelmasskoncentration	tröskelmassk
Suomi	massapitoisuuden kynnyisarvo	massapit.kyn.arvo
Example	[NPU01113] Thrombocytes(Blood)—Aggregation, ristocetin-induced; threshold mass concentration((0 1 2) g/l) = ? g/l	

QU50026	Kind-of-property	Abbreviation	Definition: Silver 9.8.1.2
English	mass increment	mass incr.	
Français	incrément en masse	incr.masse	
Català	increment de massa	incr.massa	
Česky	hmotnostní přírůstek		
Cymraeg	cynyddran màs	cynydd.màs	
Dansk	masseøgning	masseøgn.	
Deutsch	Massenzunahme		
Español	incremento de masa	incr.masa	
Italiano	incremento di massa	incr.ms.	
Nederlands	massatoename	massa toen.	
Norsk	masseøkning	masseøkn.	
Português	incremento de massa	incr.mas.	
Slovensky	hmotnostný prírastok		
Svenska	massökning	massökn	
Suomi	massalisäys	massalis.	
Example	[NPU03805] Patient—Body; mass increment(1996-08-01; 1996-09-01) = ? kg		

QU50027	Kind-of-property	Abbreviation	Definition: Silver 8.6.1
English	mass fraction	mass fr.	
Français	fraction de masse	fr.masse	
Català	fracció de massa	fr.massa	
Česky	hmotnostní podíl		
Cymraeg	ffracsiwn màs	ffrac.màs	
Dansk	massefraktion	massefr.	
Deutsch	Massenanteil		
Español	fracción de masa	fr.masa	
Italiano	frazione di massa	fms.	
Nederlands	massafractie	massafr.	
Norsk	massefraksjon	massefr.	
Português	fração de massa	fr.mas.	
Slovensky	hmotnostná zlomok		
Svenska	massfraktion	massfr	
Suomi	massaosuus	massaos.	
Example	[NPU03844] Faeces(dry)—Lipid(total); mass fraction = ?		

QU50028	Kind-of-property	Abbreviation	Definition: Silver 9.26.1
English	mass rate		
Français	débit masse	débit masse	
Català	cabal de massa	cabal massa	
Česky	hmotnostní změna		
Cymraeg	cyfradd màs	cyf.màs	
Dansk	massestrøm		

Deutsch	Massen(strom)geschwindigkeit	
Español	caudal de masa	caudal masa
Italiano	velocità di massa	vtms.
Nederlands	massa(stroom)snelheid	massa snel.
Norsk	massestrøm	
Português	taxa de massa	tax.mas.
Slovensky	hmotnostná zmena	
Svenska	massflöde	
Suomi	massanopeus	massanop.

Example [NPU03277] Patient(Urine)—Protein excretion; mass rate(1996-04-05 09:35; -04-09 09:45) = ? g/d

QU50030	Kind-of-property	Abbreviation	Definition:
			Silver 9.101.3
English	entitic catalytic activity	entitic cat.act.	
Français	activité catalytique entitique	act.cat.entitique	
Català	activitat catalítica entítica	act.cat.entítica	
Česky	entitická katalytická aktivita		
Cymraeg	gweithredu catalytig entitig	gweith.cat.ent.	
Dansk	entitisk katalytisk aktivitet	entitisk kat.akt.	
Deutsch	zahlenbezogene katalytische Aktivität		
Español	actividad catalítica entítica	act.cat.entítica	
Italiano	attività catalitica entitica	actent.	
Nederlands	entitieke katalytische aktiviteit	entitieke kat.akt.	
Norsk	entitisk katalytisk aktivitet	entitisk kat.akt.	
Português	atividade catalítica entítica	atv.cat.ent.	
Slovensky	entitická katalytická aktivita		
Svenska	entitisk katalytisk aktivitet	entitisk kat akt	
Suomi	entiteettinen katalyyttinen aktiivisuus	entit.kat.akt.	
Example	[NPU02206] Erythrocytes(Blood)—Glucose-6-phosphate 1-dehydrogenase; entitic catalytic activity(37 °C; procedure) = ? akat		

QU50032	Kind-of-property	Abbreviation	Definition:
			Silver 9.104.2
English	catalytic activity concentration	cat.c.	
Français	concentration en activité catalytique	c.cat.	
Català	concentració d'activitat catalítica	c.cat.	
Česky	koncentrace katalytické aktivity		
Cymraeg	crynodiad gweithredu catalytig	c.cat.	
Dansk	katalytisk aktivitetskoncentration	kat.k.	
Deutsch	katalytische Aktivitätskonzentration		
Español	concentración de actividad catalítica	c.cat.	
Italiano	concentrazione di attività catalitica	cct.	
Nederlands	katalytische aktiviteitsconcentratie	kat.c.	
Norsk	katalytisk aktivitetskonsentrasjon	kat.k.	
Português	concentração de atividade catalítica	conc.cat.	
Slovensky	koncentrácia katalytickej aktivity		
Svenska	katalytisk aktivitetskoncentration	kat k	
Suomi	katalyyttisen aktiivisuuden pitoisuus	kat.pit.	
Example	[NPU01801] Plasma—Creatine kinase MB; catalytic activity concentration(37 °C; procedure) = ? µkat/l		

QU50033	Kind-of-property	Abbreviation	Definition:
			Silver 9.105.2
English	catalytic activity content	cat.cont.	
Français	contenu en activité catalytique	cont.cat.	
Català	contingut d'activitat catalítica	cont.cat.	
Česky	obsah katalytické aktivity		
Cymraeg	cynnwys gweithgaredd cat alytig	cynn.cat.	
Dansk	katalytisk aktivitetsindhold	kat.indh.	
Deutsch	katalytische Aktivitäts Gehalte		
Español	contenido de actividad catalítica	cont.cat.	

Italiano	contenuto di attività catalitica	contct.
Nederlands	katalytische aktiviteitsgehalte	kat.geh.
Norsk	katalytisk aktivitetssinnhold	kat.innh.
Português	conteúdo de atividade catalítica	cont.atv.cat.
Slovensky	obsah katalytickej aktivity	
Svenska	katalytisk aktivitetssinnehåll	kat.inneh
Suomi	katalyyttisen aktiivisuuden sisältö	kat.akt.sis.

Example [NPU02550] Chorionic villus cell protein—D-Lactate dehydrogenase; catalytic activity content(37 °C; procedure) = ? $\mu\text{kat}/\text{kg}$

QU50034 Kind-of-property Abbreviation Definition:
Silver 8.12

English	catalytic activity fraction	cat.fr.
Français	fraction d'activité catalytique	fr.cat.
Català	fracció d'activitat catalítica	fr.cat.
Česky	podíl katalytické aktivity	
Cymraeg	ffracsiwn gweithredu catalytig	ffrac.gweith.cat.
Dansk	katalytisk aktiviteitsfraktion	kat.fr.
Deutsch	katalytischer Aktivitätsanteil	
Español	fracción de actividad catalítica	fr.cat.
Italiano	frazione di attività catalitica	ft.
Nederlands	katalytische aktiviteitsfractie	kat.fr.
Norsk	katalytisk aktiviteitsfraksjon	kat.fr.
Português	fração de atividade catalítica	fr.atv.cat.
Slovensky	zlomok katalytickej aktivity	
Svenska	katalytisk aktiviteitsfraktion	kat.fr.
Suomi	katalyyttisen aktiivisuuden osuus	kat.akt.os.

Example [NPU03996] Creatine kinase(Plasma)—Creatine kinase MB; catalytic activity fraction(37 °C; procedure) = ?
[NPU04566] Cholinesterase(Plasma)—Cholinesterase, fluoride inhibited; catalytic activity fraction(25 °C; procedure) = ?

QU50035 Kind-of-property Abbreviation Definition:
Silver 9.106.1

English	catalytic activity rate	cat.rate
Français	débit en activité catalytique	déb.cat.
Català	cabal d'activitat catalítica	cabal cat.
Česky	změna katalytické aktivity	
Cymraeg	cyfradd gweithredu catalytig	cyf.gweith.cat.
Dansk	katalytisk aktivitetshastighed	kat.hast.
Deutsch	katalytische Aktivitäts Geschwindigkeit	
Español	caudal de actividad catalítica	caudal cat.
Italiano	velocità di attività catalitica	vtct.
Nederlands	katalytische aktiviteitsnelheid	kat.snelh.
Norsk	katalytisk aktivitetshastighet	kat.hast.
Português	taxa de atividade catalítica	tax.atv.cat.
Slovensky	zmena katalytickej aktivity	
Svenska	katalytisk aktiviteitsflöde	kat.flöde
Suomi	katalyyttisen aktiivisuuden nopeus	kat.akt.nop.

Example [NPU01241] Pancreas—Amylase production; catalytic activity rate(37 °C; 1996-05-31 16:00;20:00; procedure) = ? $\mu\text{kat}/\text{s}$

QU50040 Kind-of-property Abbreviation Definition:
Silver 8.1.1

English	number of entities	num.
Français	nombre d'entités	nom.
Català	nombre d'entitats	nom.
Česky	počet entit	
Cymraeg	rhif	rh.
Dansk	antal	
Deutsch	Zahl	

Español	número de entidades	núm.
Italiano	numero	nm.
Nederlands	aantal	aant.
Norsk	antall	ant.
Português	número	núm.
Slovensky	počet entít	
Svenska	antal	ant
Suomi	lukumäärä	lkm.

Example [NPU03454] Semen—Spermatozoa; number of entities = ? × 10⁶

QU50041	Kind-of-property	Abbreviation	Definition: Silver 8.1.1
English	entitic number	entitic num.	
Français	nombre entitique	nom.entitique	
Català	nombre entític	nom. entític	
Česky	entitický počet		
Cymraeg	rhif entitig	rh.entitig	
Dansk	entitiskt antal		
Deutsch	zahlenbezogene Zahl		
Español	número entítico	núm.entítico	
Italiano	numero entitico	nment.	
Nederlands	entitiek aantal	entitiek aant.	
Norsk	entitiskt antall	entitiskt ant.	
Português	número entítico	núm.ent.	
Slovensky	entitický počet		
Svenska	entitiskt antal	entitiskt ant	
Suomi	entiteettinen lukumäärä	entit.lkm.	

Example [NPU01137] Leukocytes(Blood)—Aldosterone receptor; entitic number(procedure) = ?

QU50043	Kind-of-property	Abbreviation	Definition: Silver 9.6.2
English	number concentration	num.c.	
Français	concentration en nombre	c.nom.	
Català	concentració de nombre	c.nom.	
Česky	početní koncentrace		
Cymraeg	rhif crynodiad	rh.c.	
Dansk	antalkoncentration	antalk.	
Deutsch	Zahlenkonzentration		
Español	concentración de número	c.núm.	
Italiano	concentrazione di numero	cnm.	
Nederlands	concentratie in aantal	aant.conc.	
Norsk	antallskonstrasjon	ant.k.	
Português	concentração de número	conc.núm.	
Slovensky	číselná koncentrácia		
Svenska	antalskoncentration	ant k	
Suomi	lukumääräpitoisuus	lkm.pit.	

Example [NPU01960] Blood—Erythrocytes; number concentration = ? 10¹²/l

QU50045	Kind-of-property	Abbreviation	Definition: Silver 8.2.1
English	number fraction	num.fr.	
Français	fraction de nombre	fr.nom.	
Català	fracció de nombre	fr.nom.	
Česky	početní podíl		
Cymraeg	ffracsiwn rhif	ffrac.rh.	
Dansk	antalfraction	antalf.	
Deutsch	Zahlenanteil		
Español	fracción de número	fr.núm.	
Italiano	frazione di numero	fnm.	
Nederlands	aantalfractie	aant.fr.	
Norsk	antallsfraksjon	ant.fr.	
Português	fração de número	fr.núm.	
Slovensky	číselný zlomok		

Svenska	antalsfraktion	ant fr
Suomi	lukumääräosuus	lkm.os.
Example	[NPU01963] Erythrocytes(Amniotic fluid)—Erythrocytes, haemoglobin F containing; number fraction = ? [NPU03457] Spermatozoa(Semen)—Spermatozoa, agglutinated; number fraction(0 0,1 0,2 - - 1,0; microscopy) = ?	

QU50050	Kind-of-property	Abbreviation	Definition: Silver 9.5.1
English	volume	vol.	
Français	volume	vol.	
Català	volum	vol.	
Česky	objem		
Cymraeg	cyfaint		
Dansk	volumen	vol.	
Deutsch	Volumen		
Español	volumen	vol.	
Italiano	volume	vl.	
Nederlands	volume	vol.	
Norsk	volum	vol.	
Português	volume	vol.	
Slovensky	objem		
Svenska	volym	vol	
Suomi	tilavuus	til.	

Example [NPU03789] Lung(right)—Air; volume = ? l

QU50051	Kind-of-property	Abbreviation	Definition: Silver 9.5.1
English	entitic volume	entitic vol.	
Français	volume entitique	vol.entitique	
Català	volum entític	vol.entític	
Česky	entitický objem		
Cymraeg	cyfaint entitig		
Dansk	entitiskt volumen	entitiskt vol.	
Deutsch	zahlenbezogene Volumen		
Español	volumen entítico	vol.entítico	
Italiano	volume entitico	vlent.	
Nederlands	entitiek volume	entitiek vol.	
Norsk	entitisk volum	entitisk vol.	
Português	volume entítico	vol.ent.	
Slovensky	entitický objem		
Svenska	entitisk volym	entitisk vol	
Suomi	entiteettinen tilavuus	entit.til.	

Example [NPU03562] Blood—Thrombocytes; entitic volume = ? fl

QU50052	Kind-of-property	Abbreviation	Definition: Silver 9.15.2
English	volume content	vol.cont.	
Français	contenu en volume	cont.vol.	
Català	contingut de volum	cont.vol.	
Česky	objemový obsah		
Cymraeg	cynnwys cyfaint	cynn.cyfaint	
Dansk	specifikt volumen	spec.vol.	
Deutsch	Volumengehalte		
Español	contenido de volumen	cont.vol.	
Italiano	contenuto di volume	contvl.	
Nederlands	volumegehalte	vol.geh.	
Norsk	voluminnhold	vol.innh.	
Português	conteúdo de volume	cont.vol.	
Slovensky	špecifický objem		
Svenska	specifik volym	spec vol	
Suomi	tilavuusmäärä	til.määrä	

Example [NPU03808] Patient—Blood; volume content = ? ml/kg

QU50054	Kind-of-property	Abbreviation	Definition:
			Silver 8.5.1
English	volume fraction	vol.fr.	
Français	fraction de volume	fr.vol.	
Català	fracció de volum	fr.vol.	
Česky	objemový podíl		
Cymraeg	ffracsiwn cyfaint	frac.cyfaint	
Dansk	volumenfraktion	vol.fr.	
Deutsch	Volumenanteil		
Español	fracción de volumen	fr.vol.	
Italiano	frazione di volume	fvl.	
Nederlands	volumefractie	vol.fr.	
Norsk	volumfraksjon	vol.fr.	
Português	fração de volume	fr.vol.	
Slovensky	objemový zlomok		
Svenska	volymfraktion	vol fr	
Suomi	tilavuusosuus	til.os.	

Example [NPU01961] Blood—Erythrocytes; volume fraction = ?

QU50057	Kind-of-property	Abbreviation	Definition:
			Silver 9.24.1
English	volume rate	vol.rate	
Français	débit volume	débit vol.	
Català	cabal de volum	cabal vol.	
Česky	objemová změna		
Cymraeg	cyfradd cyfaint	cyf.cyfaint	
Dansk	volumenstrøm		
Deutsch	Volumengeschwindigkeit		
Español	caudal de volumen	caudal vol.	
Italiano	velocità di volume	vtvl.	
Nederlands	volume(stroom)snelheid	vol.snelh.	
Norsk	volumstrøm		
Português	taxa de volume	tax.vol.	
Slovensky	objemová zmena		
Svenska	volymflöde	vol flöde	
Suomi	tilavuusnopeus	til.nop.	

Example [NPU03838] Liver—Blood-flow; volume rate = ? ml/s

QU50060	Kind-of-property	Abbreviation	Definition:
			Silver 9.17.1
English	time		
Français	temps		
Català	temps		
Česky	čas		
Cymraeg	amser		
Dansk	tid		
Deutsch	Zeit		
Español	tiempo	tm.	
Italiano	tempo		
Nederlands	tijd		
Norsk	tid		
Português	tempo		
Slovensky	čas		
Svenska	tid		
Suomi	aika		

Example [NPU01687] Plasma—Coagulation, tissue factor-induced; time(procedure) = ? s

QU50061	Kind-of-property	Abbreviation	Definition:
			Silver 8.7.1
English	relative time	rel.time	
Français	temps relatif	temps rel.	

Català	temps relatiu	temps rel.
Česky	relativní čas	
Cymraeg	amser cymharol	
Dansk	relativ tid	rel.tid
Deutsch	relative Zeit	
Español	tiempo relativo	tiempo rel.
Italiano	tempo relativo	tmrel.
Nederlands	relatieve tijd	rel.tijd
Norsk	relativ tid	rel.tid
Português	tempo relativo	temp.rel.
Slovensky	relativný čas	
Svenska	relativ tid	rel tid
Suomi	suhteellinen aika	suht.aika

Example [NPU01681] Plasma—Coagulation, surface-induced; relative time(actual/norm; procedure) = ?

QU50062	Kind-of-property	Abbreviation	Definition:
			Silver 8.7.1
English	reciprocal relative time	rec.rel.time	
Français	réciproque du temps relatif	rec. temps rel.	
Català	temps relatiu recíproc	temps rel.rec.	
Česky	inverzní relativní čas		
Cymraeg	amser cymharol gwrthdro	amser cymharol gwrth.	
Dansk	reciprok relativ tid	rec.rel.tid	
Deutsch	relative Zeit		
Español	tiempo relativo recíproco	tiempo rel.rec.	
Italiano	tempo relativo	tmrel.	
Nederlands	reciproke relatieve tijd	rec.rel.tijd	
Norsk	resiprok relativ tid	res.rel.tid	
Português	recíproco do tempo relativo	rec.temp.rel.	
Slovensky	recipročný relativný čas		
Svenska	inverterad relativ tid	invert rel tid	
Suomi	suhteellisen ajan käänteisarvo	suht.ajan käänteisarvo	

Example [NPU01680] Plasma—Coagulation, surface-induced; reciprocal relative time(norm/actual; procedure) = ?

QU50063	Kind-of-property	Abbreviation	Definition:
			-
English	taxon		
Français			
Català	tàxon		
Česky	taxon		
Cymraeg	dosbarth		
Dansk	takson		
Deutsch			
Español	taxón		
Italiano			
Nederlands			
Norsk	takson		
Português			
Slovensky			
Svenska	taxon		
Suomi			

Example [NPU06073] Urine—Bacterium; taxon(procedure) = *Escherichia coli*; *Proteus vulgaris*

QU50076	Kind-of-property	Abbreviation	Definition:
			-
English	susceptibility		
Français	sensibilité		
Català	sensibilitat		
Česky	citlivost		

Cymraeg	derbynnedd	
Dansk	følsomhed	
Deutsch	Empfindlichkeit	
Español	sensibilidad	
Italiano	sensibilità	sens.
Nederlands	gevoeligheid	
Norsk	følsomhet	
Português	sucessptibilidade	suces.
Slovensky	citlivost'	
Svenska	känslighet	
Suomi	herkkyys	

Example [NPU07273][NPU06045][NPU06049][NPU06059]
 Urine—Bacterium(*Escherichia coli*); susceptbility(list; 0 1 2 3; procedure)
 System—Component; susceptbility(Ampicillin) = 2
 System—Component; susceptbility(Ciprofloxacin) = 1
 System—Component; susceptbility(Dicloxacillin) = 0

QU50081	Kind-of-property	Abbreviation	Definition:
English	arbitrary concentration	arb.c.	-
Français	concentration arbitraire	c.arb.	
Català	concentració arbitrària	c.arb.	
Česky	arbitrární koncentrace		
Cymraeg	crynodiad mympwyol	c.mymp.	
Dansk	arbitrær koncentration	arb.k.	
Deutsch	arbiträre Konzentration		
Español	concentración arbitraria	c.arb.	
Italiano	concentrazione arbitraria	carb.	
Nederlands	arbitraire concentratie	arb.c.	
Norsk	arbitrær konsentrasjon	arb.k.	
Português	concentração arbitrária	conc.arb.	
Slovensky	pracovná koncentrácia		
Svenska	arbiträr koncentration	arb k	
Suomi	mielivaltainen pitoisuus	mv.pit.	

Example [NPU03947] Plasma—*Morbilli virus* antibody(Immunoglobulin G); arbitrary concentration(procedure)

QU50082	Kind-of-property	Abbreviation	Definition:
English	clarity		-
Français	clarté		
Català	transparència		
Česky	čírost		
Cymraeg	clærder		
Dansk	klarhed		
Deutsch	Transparenz		
Español	transparencia		
Italiano	limpidezza	limp.	
Nederlands	helderheid		
Norsk	klarhet		
Português	transparência aspecto	asp.	
Slovensky	čírost'		
Svenska	transparens		
Suomi	kirkkaus		

Example [NPU03407] Patient—Semen; clarity(clear opalescent) = opalescent

QU50083	Kind-of-property	Abbreviation	Definition:
English	colour		-
Français	couleur		
Català	color		
Česky	barva		
Cymraeg	lliw		

Dansk	farve	
Deutsch	Farbe	
Español	color	
Italiano	colore	col.
Nederlands	kleur	
Norsk	farge	
Português	cor	
Slovensky	farba	
Svenska	färg	
Suomi	väri	

Example [NPU03992] Patient—Semen; colour(milkwhite grey reddish) = grey

QU50084 **Kind-of-property** **Abbreviation** **Definition:**
Silver 9.18.1.2

English	frequency	
Français	fréquence	
Català	freqüència	
Česky	četnost	
Cymraeg	amkler	
Dansk	frekvens	frekv.
Deutsch	Frequenz	
Español	frecuencia	
Italiano	frequenza	freq.
Nederlands	frequentie	
Norsk	frekvens	
Português	frequência	freq.
Slovensky	frekvencia	
Svenska	frekvens	
Suomi	taajuus	

Example [NPU03453] Semen—Spermatozoa rotation; frequency = ? one/s = ? s⁻¹

QU50085 **Kind-of-property** **Abbreviation** **Definition:**
Silver 9.17.1

English	half-life	
Français	demi-vie	
Català	semivida	
Česky	polčas	
Cymraeg	hanner oes	
Dansk	halveringstid	halv.tid
Deutsch	Halbzeit	
Español	semivida	
Italiano	emivita	
Nederlands	halveringstijd	
Norsk	halveringstid	
Português	meia-vida	m.vida
Slovensky	polčas	
Svenska	halveringstid	
Suomi	pouliintumisaika	poul.aika

Example [NPU03810] Patient(Blood)—Phenytoin elimination; half-life(procedure) = ? ks

QU50086 **Kind-of-property** **Abbreviation** **Definition:**
Silver 9.1.1.8

English	height	
Français	hauteur	
Català	alçada	
Česky	výška	
Cymraeg	taldra	
Dansk	højde	
Deutsch	Höhe	
Español	altura	
Italiano	altezza	alt.
Nederlands	hoogte	

Norsk	hoyde	
Português	altura	alt.
Slovensky	výška	
Svenska	höjd	
Suomi	korkeus	

Example [NPU03794] Person—Body; height = ? m

QU50087	Kind-of-property	Abbreviation	Definition:
			Silver 9.23.1
English	kinematic viscosity	kin.visc.	
Français	viscosité cinématique	vis.cin.	
Català	viscositat cinemàtica	vis.cin.	
Česky	kinematická viskozita		
Cymraeg	gludedd kinematig	gludedd kin.	
Dansk	kinematisk viskositet	kin.visk.	
Deutsch	kinematische Viskosität		
Español	viscosidad cinemática	vis.cin.	
Italiano	viscosità cinemática	viscin.	
Nederlands	kinematische viscositeit		
Norsk	kinematisk viskositet	kin.visk.	
Português	viscosidade cinemática	vis.cin.	
Slovensky	kinematická viskozita		
Svenska	kinematisk viskositet	kin visk	
Suomi	kinemaattinen viskositeetti	kinemaat.viskos.	

Example [NPU03178] Patient—Plasma; kinematic viscosity(37 °C) = ? m²/s

QU50088	Kind-of-property	Abbreviation	Definition:
			Silver 9.1.1
English	length		
Français	longueur		
Català	longitud		
Česky	délka		
Cymraeg	hyd		
Dansk	længde		
Deutsch	Länge		
Español	longitud		
Italiano	lunghezza	ln.	
Nederlands	lengte		
Norsk	lengde		
Português	longitude	long.	
Slovensky	dĺžka		
Svenska	längd		
Suomi	pituus		

Example [NPU03404] Blood—Sedimentation reaction; length(Westergren;1 h)= mm

QU50089	Kind-of-property	Abbreviation	Definition:
			Silver 9.98.2
English	molality	molal.	
Français	molalité	molal.	
Català	molalitat	molal.	
Česky	molalita	molal.	
Cymraeg	molaledd	molal.	
Dansk	molalitet	molal.	
Deutsch	Molalität		
Español	molalidad	molal.	
Italiano	molalità	molal.	
Nederlands	molaliteit	molal.	
Norsk	molalitet	molal.	
Português	molalidade	molal.	
Slovensky	molalita		
Svenska	molalitet	molal	
Suomi	molaalisuus	molaal.	

Example [NPU03991] Aqueous solution—Sodium chloride; molality = ? mmol/kg
[NPU03434] U—Solute; molality = ? mmol/kg

QU50090	Kind-of-property	Abbreviation	Definition:
			Silver 9.43.1.3
English	partial pressure	part.pr.	
Français	pression partielle	pr.part.	
Català	pressió parcial	pr.parc.	
Česky	parciální tlak		
Cymraeg	gwasgedd rhannol	gwasg.rhan.	
Dansk	partialtryk	part.tr.	
Deutsch	partielle Druck		
Español	presión parcial	pr.parc.	
Italiano	pressione parziale	ps.par.	
Nederlands	partiële druk	pt.dr.	
Norsk	partialtrykk	part.tr.	
Português	pressão parcial	pr.parc.	
Slovensky	parciálny tlak		
Svenska	partialtryck	part tr	
Suomi	osapaine		

Example [NPU03009] Gas(arterial Blood)—Oxygen(O₂); partial pressure = ? kPa

QU50091	Kind-of-property	Abbreviation	Definition:
			Silver 8.13.6
English	pH		
Français	pH		
Català	pH		
Česky	pH		
Cymraeg	pH		
Dansk	pH		
Deutsch	pH		
Español	pH		
Italiano	pH		
Nederlands	pH		
Norsk	pH		
Português	pH		
Slovensky	pH		
Svenska	pH		
Suomi	pH		

Example [NPU03995] Plasma—Hydrogen ion; pH = ?

QU50092	Kind-of-property	Abbreviation	Definition:
			Silver 5.14.4(1)
English	saturation fraction	sat.fr.	
Français	fraction de saturation	fr.sat.	
Català	fracció de saturació	fr.sat.	
Česky	saturovaný podíl		
Cymraeg	ffracsiwn dirlawnder	ffrac.dir.	
Dansk	mætningsfraktion	mætn.fr.	
Deutsch	Sättigungsanteil		
Español	fracción de saturación	fr.sat.	
Italiano	frazione di saturazione	fr.sat.	
Nederlands	verzadigingsfractie	verz.gr.	
Norsk	metningsfraksjon	met.fr.	
Português	fração de saturação	fr.sat.	
Slovensky	saturačný zlomok		
Svenska	mättnadsfraktion	mätt fr	
Suomi	kyllästysosuus	kylläst.os.	

Example [NPU03011] Haemoglobin(total; arterial Blood)—Oxygen(O₂); saturation fraction = ?

QU50093	Kind-of-property	Abbreviation	Definition: Silver 9.20.1.1
English	velocity	vel.	
Français	vitesse	vit.	
Català	velocitat	vel.	
Česky	rychlost		
Cymraeg	cyflymder	cyfl.	
Dansk	hastighed	hast.	
Deutsch	Geschwindigkeit		
Español	velocidad	vel.	
Italiano	velocità	vt.	
Nederlands	snelheid	snelh.	
Norsk	hastighet	hast.	
Português	velocidade	vel.	
Slovensky	rychlost'		
Svenska	hastighet	hast	
Suomi	nopeus	nop.	

Example [NPU03997] Semen—Spermatozoon; velocity(curvilinear) = ? $\mu\text{m/s}$

QU50095	Kind-of-property	Abbreviation	Definition: Silver 9.1.3
English	entitic length		
Français	longueur entitique		
Català	longitud entítica		
Česky	entitická délka		
Cymraeg	hyd entitig		
Dansk	entitisk længde		
Deutsch	zahlenbezogene Länge		
Español	longitud entítica		
Italiano	lunghezza entitica	lnent.	
Nederlands	entitieke lengte		
Norsk	entitisk lengde		
Português	longitude entítica	long.ent.	
Slovensky	entitická dĺžka		
Svenska	entitisk längd		
Suomi	entiteettinen pituus	ent.pituus	

Example

QU50096	Kind-of-property	Abbreviation	Definition: Silver 9.9.1
English	number content	num.cont.	
Français	contenu en nombre	cont.nom.	
Català	contingut de nombre	cont.nom.	
Česky	početní obsah		
Cymraeg	cynnwys y rhif	cynn.rh.	
Dansk	antalindhold	antalindh.	
Deutsch	Zahlengehalt		
Español	contenido de número	cont.núm.	
Italiano	contenuto di numero	contnm.	
Nederlands	gehalte in aantal	aant.geh.	
Norsk	antallinnhold	ant.innh.	
Português	conteúdo de número	cont.núm.	
Slovensky	číselný obsah		
Svenska	antalinnehåll	ant inneh	
Suomi	lukumääräsisältö	lkm.sis.	

Example [NPU04031] Faeces—Oxyuris vermicularis egg; number content = ? one/kg = ? kg^{-1}

QU50097	Kind-of-property	Abbreviation	Definition: Silver 9.17.1
English	time interval	time int.	
Français	intervalle de temps	int.temps	

Català	durada	
Česky	časový interval	
Cymraeg	amser	
Dansk	tidsinterval	tidsint.
Deutsch	zeit	Unterschied
Español	duración	
Italiano	differenza di tempo	difm.
Nederlands	tijdsverschil	
Norsk	tidsintervall	tidsint.
Português	diferença de tempo	dif.temp.
Slovensky	časový rozdiel	
Svenska	tidsintervall	tid interv
Suomi	aikaero	

Example

QU50098	Kind-of-property	Abbreviation	Definition: Silver 9.43.1
English	pressure	pr.	
Français	pression	pr.	
Català	pressió	pr.	
Česky	tlak		
Cymraeg	gwasgedd		
Dansk	tryk		
Deutsch	Druck		
Español	presión	pr.	
Italiano	pressione	ps.	
Nederlands	druk		
Norsk	trykk		
Português	pressão	pres.	
Slovensky	tlak		
Svenska	tryck		
Suomi	paine		

Example [NPU04033] Alveoli—Gas; pressure = ? kPa

QU50099	Kind-of-property	Abbreviation	Definition: Silver 9.71.2
English	Celsius temperature	temp.	
Français	température Celsius	temp.	
Català	temperatura Celsius	temp.	
Česky	Celsiova teplota		
Cymraeg	tymheredd Celsius		
Dansk	Celsius temperatur	temp.	
Deutsch	Celsius Temperatur		
Español	temperatura Celsius	temp.	
Italiano	temperatura Celsius	tp.	
Nederlands	Celsius temperatuur		
Norsk	Celsius temperatur	temp.	
Português	temperatura Celsius	temper.	
Slovensky	Celsiova teplota		
Svenska	Celsius temperatur	temp	
Suomi	lämpötila		

Example [NPU04034] Patient(specification)—Blood; Celsius temperature = ? °C

QU50100	Kind-of-property	Abbreviation	Definition: Silver 9.71.1.1
English	Celsius temperature increment	temp.incr.	
Français	incrément de température Celsius	incr.temp.	
Català	increment de temperatura Celsius	incr.temp.	
Česky	přírůstek Celsiovy teploty		
Cymraeg	cynyddran tymheredd Celsius		
Dansk	Celsius temperaturøgning	temp.øgn.	

Deutsch	Celsius Temperaturzunahme	
Español	incremento de temperatura Celsius	incr.temp.
Italiano	incremento di temperatura Celsius	incrtpt.
Nederlands	Celsius temperatuurstoename	temp.toename
Norsk	Celsius temperaturøkning	temp.økn.
Português	incremento de temperatura Celsius	incr.temper.
Slovensky	teplotný Celsiovy rozdiel	
Svenska	Celsius temperaturökning	temp ökn
Suomi	lämpötilaero Celsius	

Example [NPU04035] Plasma—Freezing point; Celsius temperature increment(Water-Plasma) = -4,2 °C

QU50101 Kind-of-property Abbreviation Definition:

English	threshold arbitrary concentration	threshold arb.c.
Français	concentration liminale arbitraire	c.lim.arb.
Català	concentració llindar arbitrària	c.llindar arb.
Česky	prahová arbitrární koncentrace	
Cymraeg	trothwy crynodiad mympwyol	troth.c.mymp.
Dansk	tærskel arbitrær koncentration	tærskel arb.k.
Deutsch	arbiträre Konzentrations Schwelle	
Español	concentración umbral arbitraria	c.umbral arb.
Italiano	concentrazione soglia arbitraria	carb.soglia
Nederlands	drempelwaarde van arbitraire concentratie	dr.w.arb.conc.
Norsk	terskel arbitrær konsentrasjon	terskel arb.k.
Português	concentração limiar arbitrária	conc.lim.arb.
Slovensky	arbitrárna prahová koncentrácia	
Svenska	tröskel arbiträr koncentration	tröskel arb k
Suomi	mielivaltaisen pitoisuuden kynnysarvo	mv.pit.kyn.arvo

Example [NPU01115] Thrombocytes(Blood)—Aggregation, thrombin-induced; threshold arbitrary concentration(0 1 2 3 4; procedure) = ?

QU50102 Kind-of-property Abbreviation Definition:

English	arbitrary rate	arb.rate
Français	débit arbitraire	débit arb.
Català	cabal arbitrari	cabal arb.
Česky	arbitrární změna	
Cymraeg	cyfradd mympwyol	cyf.mymp.
Dansk	arbitrær hastighed	arb.hast.
Deutsch	arbiträre Geschwindigkeit	
Español	caudal arbitrario	caudal arb.
Italiano	velocità arbitraria	vtab.
Nederlands	arbitraire snelheid	arb.snelh.
Norsk	arbitrær hastighet	arb.hast.
Português	taxa arbitrária	tax.arb.
Slovensky	pracovná zmena	
Svenska	arbiträr flöde	arb flöde
Suomi	mielivaltainen nopeus	mv.nop.

Example [NPU02484] Central nervous system—Immunoglobulin G production; arbitrary rate(procedure) = ?

QU50103 Kind-of-property Abbreviation Definition:

English	arbitrary catalytic activity	arb.cat.act.
Français	activité catalytique arbitraire	act.cat.arb.
Català	activitat catalítica arbitrària	act.cat.arb.
Česky	arbitrární katalytická aktivita	
Cymraeg	gweithredu catalytig mympwyol	gweith.cat.mymp.
Dansk	arbitrær katalytisk aktivitet	arb.kat.akt.
Deutsch	arbiträre katalytische Aktivität	
Español	actividad catalítica arbitraria	act.cat.arb.
Italiano	attività catalitica arbitraria	actarb.
Nederlands	arbitraire katalytische activiteit	arb.kat.act.

Norsk	arbitrær katalytisk aktivitet	arb. kat.akt.
Português	atividade catalítica arbitrária	atv.cat.arb.
Slovensky	arbitrána katalytická aktivita	
Svenska	arbiträr katalytisk aktivitet	arb kat akt
Suomi	mielivaltainen katalyyttinen aktiivisuus	mv.kat.akt.

Example [NPU01143] Leukocytes(Blood)—Alkaline phosphatase; arbitrary catalytic activity(procedure) = ?

QU50104	Kind-of-property	Abbreviation	Definition:
			-
English	arbitrary number concentration	arb.num.c.	
Français	concentration en nombre arbitraire	c.nom.arb.	
Català	concentració de nombre arbitrària	c.nom.arb.	
Česky	arbitrární početní koncentrace		
Cymraeg	rhif crynodiad mympwyol	rh.c.mymp.	
Dansk	arbitrær antalkoncentration	arb.antalk.	
Deutsch	arbiträre Zahlenkonzentration		
Español	concentración de número arbitraria	c.núm.arb.	
Italiano	concentrazione di numero arbitraria	cnmarb.	
Nederlands	arbitrair aantal concentratie	arb.aant.conc.	
Norsk	arbitrær antallskonsentrasjon	arb.ant.k.	
Português	concentração de número arbitrária	conc.núm.arb.	
Slovensky	pracovná číselná koncentrácia		
Svenska	arbiträr antalskoncentration	arb ant k	
Suomi	mielivaltainen lukumääräpitoisuus	mv.lkm.pit.	

Example [NPU03987] Urine—Leukocytes; arbitrary number concentration(procedure) = ?

QU50105	Kind-of-property	Abbreviation	Definition:
			-
English	arbitrary content	arb.cont.	
Français	contenu arbitraire	cont.arb.	
Català	contingut arbitrari	cont.arb.	
Česky	arbitrární obsah		
Cymraeg	cynnwys mympwyol	cynn.mymp.	
Dansk	arbitrært indhold	arb.indh.	
Deutsch	arbiträre Gehalte		
Español	contenido arbitrario	cont.arb.	
Italiano	contenuto arbitrario	contarb.	
Nederlands	arbitrair gehalte	arb.geh.	
Norsk	arbitrær innhold	arb.innh.	
Português	conteúdo arbitrário	cont.arb.	
Slovensky	arbitrárný obsah		
Svenska	arbiträrt innehåll	arb inneh	
Suomi	mielivaltainen sisältö	mv.sis.	

Example [NPU01393] Faeces—Haemoglobin; arbitrary content(0 1 2 3 4; procedure) = ?

QU50106	Kind-of-property	Abbreviation	Definition:
			-
English	arbitrary substance concentration	arb.subst.c.	
Français	concentration de matière arbitraire	c.mat.arb.	
Català	concentració de substància arbitrària	c.subst.arb.	
Česky	arbitrární látková koncentrace		
Cymraeg	crynodiad y sylwedd		
Dansk	arbitrær stofkoncentration	arb.stofk.	
Deutsch	arbiträre Stoffkonzentration		
Español	concentración de sustancia arbitraria	c.sust.arb.	
Italiano	concentrazione di sostanza arbitraria	cstarb.	
Nederlands	arbitraire stofconcentratie	arb.stofconc.	
Norsk	arbitrær stoffkonsentrasjon	arb.stoffk.	
Português	concentração de substância arbitrária	conc.subst.arb.	
Slovensky			
Svenska	arbiträr substanskoncentration	arb subst k	
Suomi	mielivaltainen ainepitoisuus	mv.ainepit.	

Example [NPU01635] Plasma—Coagulation factor IX; arbitrary substance concentration(coagulation; IS 84/665; procedure) = ? international unit/litre

QU50107	Kind-of-property	Abbreviation	Definition:
			-
English	arbitrary viscosity	arb.viscosity	
Français	viscosité arbitraire	viscosité arb.	
Català	viscositat arbitrària	viscositat arb.	
Česky	arbitrární viskozita		
Cymraeg	gludlogrwydd mympwyol		
Dansk	arbitrær viskositet	arb.viskositet	
Deutsch	arbiträre Viskosität		
Español	viscosidad arbitraria	viscosidad arb.	
Italiano	viscosità arbitraria	visarb.	
Nederlands	arbitraire viscositeit	arb.visc.	
Norsk	arbitrær viskositet	arb.viskositet	
Português	viscosidade arbitrária	visc.arb.	
Slovensky	pracovná viskozita		
Svenska	arbiträr viskositet	arb viskositet	
Suomi	mielivaltainen viskositeetti	mv.visk.	

Example [NPU01525] Cervix mucus—Consistency; arbitrary viscosity(0 1 2 3 4; procedure) = ?

QU50108	Kind-of-property	Abbreviation	Definition:
			Silver 9.1.1.1
English	length increment	length incr.	
Français	incrément de longueur	incr.longueur	
Català	increment de longitud	incr.longitud	
Česky	délkový přírůstek		
Cymraeg	cynyddran hyd	cynydd.hyd	
Dansk	længdeøgning	længdeøgn.	
Deutsch	Längezunahme		
Español	incremento de longitud	incr.longitud	
Italiano	incremento di lunghezza	incrln.	
Nederlands	lengtetoenname	lengetoen.	
Norsk	lengdeøkning	lengdeøkn.	
Português	incremento longitude	incr.long.	
Slovensky	přírastok délky		
Svenska	längdökning	längdökn	
Suomi	pituuslisäys	pit.lis.	

Example [NPU01527] Cervix mucus—Spinnbarkeit; length increment = ? mm

QU50109	Kind-of-property	Abbreviation	Definition:
			-
English	arbitrary property	arb.	
Français	propriété arbitraire	arb.	
Català	propietat arbitrària	arb.	
Česky	arbitrární vlastnost	arb.	
Cymraeg	priodwedd mympwyol	mymp.	
Dansk	arbitrær egenskab	arb.	
Deutsch			
Español	propiedad arbitraria	arb.	
Italiano	proprietà arbitraria	arb.	
Nederlands	arbitraire eigenschap	arb.	
Norsk	arbitrær egenskap	arb.	
Português	propriedade arbitrária	prop.arb.	
Slovensky	pracovná vlastnost'		
Svenska	arbiträr egenskap	arb	
Suomi	mielivaltainen ominaisuus	mv.omin.	

Example [NPU01715] Plasma—Complement activity, antibody-induced; arbitrary property(erythrol.; 0 1 2 3; procedure) = ?

QU50110	Kind-of-property	Abbreviation	Definition:
English	arbitrary entitic number	arb.entitic num.	-
Français	nombre entitique arbitraire	nom.entitique arb.	
Català	nombre entític arbitràri	nom.entític arb.	
Česky	arbitrární entitický počet		
Cymraeg	rhif entitig mympwyol	rh.entitig mymp.	
Dansk	arbitrært entitiskt antal	arb.entitiskt antal	
Deutsch	zahlenbezogene arbitrare Zahl		
Español	número entítico arbitrario	núm.entítico arb.	
Italiano	numero entitico arbitrario	nmentarb.	
Nederlands	arbitrair entitiek aantal	arb.entitiek aant.	
Norsk	arbitrært entitiskt antall	arb. entitiskt ant.	
Português	número entítico arbitrária	núm. ent.arb.	
Slovensky	pracovný entitický počet		
Svenska	arbiträrt entitiskt antal	arb entitiskt ant	
Suomi	mielivaltainin entiteettinen lukumäärä	mv.entit.lkm.	
Example	[NPU01728] Erythrocytes(Blood)—Complement C3 fragment; arbitrary entitic number(0 1 2 3 4; procedure) = ?		
QU50111	Kind-of-property	Abbreviation	Definition:
English	substance content rate	subst.cont.rate	Silver 9.105
Français	débit en contenu de matière	débit cont.mat.	
Català	cabal de contingut de substància	cabal cont.subst.	
Česky	změna látkového obsahu		
Cymraeg	cyfradd cynnwys y sylwedd	cyf.cynn.sylw.	
Dansk	stofindholdshastighed	stofindh.hast.	
Deutsch	stoffgehalte Geschwindigkeit		
Español	caudal de contenido de sustancia	caudal cont.sust.	
Italiano	velocità di contenuto di sostanza	vtconst.	
Nederlands	stofgehalte(stroom)snelheid		
Norsk	stoffinnholdshastighet	stoffinnh.hast.	
Português	taxa do conteúdo de substância	tax.cont.subst.	
Slovensky	zmena obsahu látky		
Svenska	substansinnehållflöde	subst inneh flöde	
Suomi	ainesisällön muutosnopeus	ainesis.mut.nop.	
Example	[NPU01775] Skin fibroblast(cultured) protein—Copper uptake; substance content rate(24 h) = ? $\mu\text{mol}/(\text{kg} \cdot \text{s})$		
QU50112	Kind-of-property	Abbreviation	Definition:
English	diameter	diam.	Silver 9.1.2.3
Français	diamètre	diam.	
Català	diàmetre	diàm	
Česky	průměr		
Cymraeg	diamedr		
Dansk	diameter	diam.	
Deutsch	Durchschnitt		
Español	diámetro	diam.	
Italiano	diametro	dm.	
Nederlands	doorsnede	doorsn.	
Norsk	diameter	diam.	
Português	diâmetro	diâm.	
Slovensky	priemer		
Svenska	diameter		
Suomi	läpimitta		
Example	[NPU04060] Blood—Erythrocyte; diameter(average) = ? μm		
QU50113	Kind-of-property	Abbreviation	Definition:
English	area		Silver 9.3.1
Français	superficie		

Català	àrea
Česky	plocha
Cymraeg	arwynebedd
Dansk	areal
Deutsch	Fläche
Español	área
Italiano	area
Nederlands	oppervlak
Norsk	areal
Português	área
Slovensky	plocha
Svenska	area
Suomi	pinta-ala

Example [NPU04074] Blood—Erythrocyte surface; area(average) = ? μm^2

QU50114 Kind-of-property Abbreviation Definition:

English	arbitrary entitic amount of substance	arb.entitic am.s.	-
Français	quantité de matière entitique arbitraire	mat.entitique arb.	
Català	quantitat de substància entítica arbitrària	subst.entítica arb.	
Česky	arbitrární entitické látkové množství		
Cymraeg	swm y sylwedd entitig mympwyol	swm entitig mymp.	
Dansk	arbitrær entitisk stofmængde	arb.entitisk stofm.	
Deutsch	zahlenbezogene arbitrare Stoffmenge		
Español	cantidad de sustancia entítica arbitraria	sust.entítica arb.	
Italiano	quantità di sostanza entitica arbitraria	qstentarb.	
Nederlands	arbitrair entitieke hoeveelheid stof	arb. entitieke stof	
Norsk	arbitrær entitisk stoffmengde	arb.entitisk stoffm.	
Português	quantidade de substância entítica arbitrária	q.subst.ent.arb.	
Slovensky	pracovné entitické látkové množstvo		
Svenska	arbiträr entitisk substansmängd	arb entitisk mängd	
Suomi	mielivaltainen entiteettinen ainemäärä	mv.entit.ainem.	

Example [NPU02895] Thrombocytes(Blood)—Neutrophilocyte activating peptide 2; arbitrary entitic amount of substance(immunological; procedure) = ? arb. Unit

QU50117 Kind-of-property Abbreviation Definition:

English	pattern of crystallization		-
Français	réseau de cristallisation		
Català	tipus de cristallització		
Česky	kapradovitá krystalizace		
Cymraeg			
Dansk	krystalmønster		
Deutsch	Kristallisatiebeeld		
Español	tipo de cristalización		
Italiano	modello di cristallizzazione	modcrist.	
Nederlands	kristallisatiepatroon	krist.patr.	
Norsk	krystallasjonsmønster	kryst.mønst.	
Português	muco de cristalização	muc.crist.	
Slovensky	vzorka kryštalizácie		
Svenska	kristalliseringsmönster		
Suomi	kiteytymistapa	kiteyt.tapa	

Example [NPU01526] Cervix mucus—Ferning; pattern of crystalzation(none atypical primary-secondary tertiary-quarternary; procedure) = ?

QU50118 Kind-of-property Abbreviation Definition:

English	arbitrary activity	arb.act.	-
Français	activité arbitraire	act.arb.	
Català	activitat arbitrària	act.arb.	
Česky	arbitrární aktivita		
Cymraeg	gweithredu mympwyol	gweith.mymp.	

Dansk	arbitrær aktivitet	arb.akt.
Deutsch	arbiträre Aktivität	
Español	actividad arbitraria	act.arb.
Italiano	attività arbitraria	actarb.
Nederlands	arbitraire activiteit	arb.act.
Norsk	arbitrær aktivitet	arb.akt.
Português	atividade arbitrária	atv.arb.
Slovensky	arbitrárna aktivita	
Svenska	arbiträr aktivitet	arb akt
Suomi	mielivaltainen aktiivisuus	mv.akt.
Example	[NPU02205]Erythrocytes(Blood)—Glucose-6-phosphate 1-dehydrogenase; arbitrary activity(0 1; procedure) = ?	