Amount of substance, high purity chemicals, Slovakia (Slovak Republic), SMU (Slovensky Metrologicki Ustav)

Note: In the case where an uncertainty range is given, the expanded uncertainty range is expressed as the uncertainty of the smallest value of the quantity to the uncertainty of the largest value of the quantity.

The expanded uncertainties correspond to k = 2 (level of confidence 95%).

NMI Service Identifier	Measurement Service Sub-Category	Matrix	Measurand		Dissemination Range of Measurement Capability			Range of Expanded Uncertainties as Disseminated				Range of Certified Values in Reference Materials			Range of Expanded Uncertainties for Certified Value				Mechanism(s) for Measurement Service Delivery	Comments
			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?		
I-08	Inorganic compounds	high purity chlorides	chloride	Amount-of-substance content	6	20	mol/kg	0.012	0.012	%	Yes								Calibration	
I-09	Inorganic compounds	high purity acids	acid	Amount-of-substance content	5	15	mol/kg	0.006	0.004	%	Yes								Calibration	
I-01	Inorganic compounds	high purity potassium dichromate	oxidants expressed as potassium dichromate	Mass fraction	99.9	100	%	0.005	0.005	%	Yes	99.983	99.983	%	0.007	0.007	%	Yes	CRM (A04)	The mass fraction given was calculated expressing the oxidimetric assay (includes trace impurities) as potassium dichromate; Approved on 01 March 2005

Amount of substance, high purity chemicals, Slovakia (Slovak Republic), SMU (Slovensky Metrologicki Ustav)

Note: In the case where an uncertainty range is given, the expanded uncertainty range is expressed as the uncertainty of the smallest value of the quantity to the uncertainty of the largest value of the quantity.

The expanded uncertainties correspond to k = 2 (level of confidence 95%).

NMI Service Identifier	Measurement Service Sub-Category	Matrix	Measurand		Dissemination Range of Measurement Capability			Range of Expanded Uncertainties as Disseminated				Range of Certified Values in Reference Materials			Range of Expanded Uncertainties for Certified Value				Mechanism(s) for Measurement Service Delivery	Comments
			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?		
I-02	Inorganic compounds	high purity potassium hydrogen phthalate	total acid expressed as potassium hydrogen phthalate	Mass fraction	99.9	100	%	0.005	0.005	%	Yes	99.997	99.997	%	0.006	0.006	%	Yes	CRM (A02)	The mass fraction given was calculated expressing the assay of acid (includes trace acid impurities) as potassium hydrogen phthalate. Approved on 01 March 2005
I-03	Inorganic compounds	high purity potassium chloride	total halides (except F) expressed as potassium chloride	Mass fraction	99.9	100	%	0.012	0.012	%	Yes	99.993	99.993	%	0.012	0.012	%	Yes	CRM (A05)	The mass fraction given was calculated expressing the argentometric assay (includes bromides and iodides) as KCl. Approved on 01 March 2005

Amount of substance, high purity chemicals, Slovakia (Slovak Republic), SMU (Slovensky Metrologicki Ustav)

Note: In the case where an uncertainty range is given, the expanded uncertainty range is expressed as the uncertainty of the smallest value of the quantity to the uncertainty of the largest value of the quantity.

The expanded uncertainties correspond to k = 2 (level of confidence 95%).

NMI Service Identifier	Measurement Service Sub-Category	Matrix	Measurand		Dissemination Range of Measurement Capability			Range of Expanded Uncertainties as Disseminated				Range of Certified Values in Reference Materials			Range of Expanded Uncertainties for Certified Value				Mechanism(s) for Measurement Service Delivery	Comments
			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?		
I-04	Inorganic compounds	high purity arsenic(III) oxide	reductants expressed as arsenic(III) oxide	Mass fraction	99.9	100	%	0.004	0.004	%	Yes	99.975	99.975	%	0.008	0.008	%	Yes	CRM (A03)	The mass fraction given was calculated expressing the assay by iodometry (includes trace impurities) as arsenic (III) oxide. Approved on 01 March 2005
I-05	Inorganic compounds	high purity amidosulfuric acid	total acid expressed as amidosulfuric acid	Mass fraction	99.9	100	%	0.004	0.004	%	Yes	99.996	99.996	%	0.004	0.004	%	Yes	CRM (A01)	The mass fraction given was calculated expressing the assay of acid (includes trace acid impurities) as amidosulfuric acid. Approved on 01 March 2005