

Amount of substance, pH, Ukraine, UkrCSM (Ukrmetrteststandard)



NMI Service Identifier	Measurement Service Category	Matrix	Quantity	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
				From	To	From	To	Is the expanded uncertainty a relative one?	From	To	From	To	Is the expanded uncertainty a relative one?		
6.1 UMTS	pH	aqueous pH buffer solution	pH	1.5	1.9	0.004	0.004	No	1.5	1.9	0.004	0.004	No	Calibration, UMTS CRM 6.1	Temperature range 0 °C to 60 °C. Data given for 15 °C, 25 °C and 37 °C. Declared uncertainties do not include the uncertainty contribution due to the Bates-Guggenheim convention Approved on 06 December 2011
6.2 UMTS	pH	aqueous pH buffer solution	pH	3.4	3.8	0.006	0.006	No	3.4	3.8	0.006	0.006	No	Calibration, UMTS CRM 6.2	Temperature range 0 °C to 60 °C. Data given for 25 °C. Declared uncertainties do not include the uncertainty contribution due to the Bates-Guggenheim convention Approved on 06 December 2011
6.4 UMTS	pH	aqueous pH buffer solution	pH	6.8	7.2	0.004	0.004	No	6.8	7.2	0.004	0.004	No	Calibration, UMTS CRM 6.4	Temperature range 0 °C to 60 °C. Data given for 25 °C. Declared uncertainties do not include the uncertainty contribution due to the Bates-Guggenheim convention Approved on 06 December 2011
6.5 UMTS	pH	aqueous pH buffer solution	pH	7.2	7.6	0.006	0.006	No	7.2	7.6	0.006	0.006	No	Calibration, UMTS CRM 6.5	Temperature range 0 °C to 60 °C. Data given for 25 °C. Declared uncertainties do not include the uncertainty contribution due to the Bates-Guggenheim convention Approved on 06 December 2011

Amount of substance, pH, Ukraine, UkrCSM (Ukrmetrteststandard)



NMI Service Identifier	Measurement Service Category	Matrix	Quantity	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
				From	To	From	To	Is the expanded uncertainty a relative one?	From	To	From	To	Is the expanded uncertainty a relative one?		
6.6 UMTS	pH	aqueous pH buffer solution	pH	9	9.4	0.006	0.006	No	9	9.4	0.006	0.006	No	Calibration, UMTS CRM 6.6	Temperature range 0 °C to 60 °C. Data given for 25 °C. Declared uncertainties do not include the uncertainty contribution due to the Bates-Guggenheim convention Approved on 06 December 2011
6.7 UMTS	pH	aqueous pH buffer solution	pH	9.8	10.2	0.006	0.006	No	9.8	10.2	0.006	0.006	No	Calibration, UMTS CRM 6.7	Temperature range 0 °C to 60 °C. Data given for 25 °C. Declared uncertainties do not include the uncertainty contribution due to the Bates-Guggenheim convention Approved on 06 December 2011

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

Amount of substance, Electrolytic conductivity, Ukraine, UkrCSM (Ukrmetrteststandard)

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.

NMI Service Identifier	Measurement Service Category	Matrix	Quantity	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
				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?		
07.01	Electrolytic conductivity	aqueous solution	Electrolytic conductivity	0.1	10	S/m	0.05	0.05	%	Yes	0.1	10	S/m	0.05	0.05	%	Yes	CRM, calibration	Measurement temperature from 20 °C to 30 °C. Measurements performed at 25 °C. Approved on 06 December 2011
07.02	Electrolytic conductivity	aqueous solution	Electrolytic conductivity	0.005	0.1	S/m	0.1	0.05	%	Yes	0.005	0.1	S/m	0.2	0.05	%	Yes	CRM, calibration	Measurement temperature from 20 °C to 30 °C. Measurements performed at 25 °C. Approved on 06 December 2011
07.03	Electrolytic conductivity	aqueous solution	Electrolytic conductivity	0.0005	0.005	S/m	0.2	0.1	%	Yes	0.0005	0.005	S/m	0.5	0.2	%	Yes	CRM, calibration	Measurement temperature from 20 °C to 30 °C. Measurements performed at 25 °C. Approved on 06 December 2011

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