

Drinking water and Groundwater - Na-K-Ca-Mg-Cl-F-SO4-HCO3-X25-pH-TS

Art. ID	LM-VKI-QC-DWB-10
Unit	10 ampoules
Deliverydetails	No Dangerous Good /not restricted

Description

Description: This reference material consists of two different ampoules with concentrates for preparation of one reference sample for quality control after dilution with water. The certificate includes documentation for the analytical parameters sodium, potassium, calcium, magnesium, chloride, fluoride, sulphate, hydrogen carbonate, conductivity, pH and total dissolved solids /// Quantity and Preservation: For practical reasons, QC DWB consists of 2 types of ampoules packed separately: QC DW1B and QC DW2B. 1 L reference sample is produced by dilution of 10 ml of each of the two concentrates. The concentrates are preserved by autoclaving.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Sodium (Na)	[7440-23-5]	50	mg/L		
	Potassium (K)	[7440-09-7]	5	mg/L		
	Calcium (Ca)	[7440-70-2]	25	mg/L		
	Magnesium (Mg)	[7439-95-4]	5	mg/L		
	Chloride (Cl)		60	mg/L		
	Fluoride (F)		1	mg/L		
	SO4		60	mg/L		
	HCO3		65	mg/L		
K25	Conductivity		45	mS/m		
	pH		9			
	Total dissolved solids		250	mg/L		