

## **Ethanol-water Solution**

Art. ID	NIST-1828c
Unit	6 x 1,2 mL
Deliverydetails	No Dangerous Good /not restricted

### **Description**

This Standard Reference Material (SRM) is a set of six levels of ethanol (ethyl alcohol: Chemical Abstracts Service [CAS] Registry Number 64-17-5). NIST-1828c is intended for use in the calibration of instruments and techniques used for the determination of ethanol in aqueous solutions. A unit of NIST-1828c consists of six 2 mL ampoules, one ampoule each of the nominal ethanol mass fractions of 0.02 %, 0.04 %, 0.08 %, 0.1 %, 0.2 %, and 0.3 %. Each ampoule contains approximately 1.2 mL of solution. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Nominal concentration I evel: 0.02 %	Ethanol in water		0,01729±0,00023	%		
Nominal concentration I evel: 0.04 %	Ethanol in water		0,03725±0,00047	%		
Nominal concentration I evel: 0.08 %	Ethanol in water		0,07663±0,00097	%		
Nominal concentration I evel: 0.1 %	Ethanol in water		0,0977±0,0013	%		
Nominal concentration I evel: 0.2 %	Ethanol in water		0,2037±0,0027	%		
Nominal concentration I evel: 0.3 %	Ethanol in water		0,2985±0,0037	%		