

### **Ethanol-Water Solution (nom., 0.02 %)**

Art. ID	NIST-2891
Unit	5 x 1,2 mL
Deliverydetails	No Dangerous Good /not restricted

#### Description

This Standard Reference Material (SRM®) is a solution of ethanol (ethyl alcohol: Chemical Abstracts Service [CAS] Registry Number 64-17-5) in water at a nominal concentration of 0.02 % by mass. NIST-2891 is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in blood. This concentration along with five other levels (nominal concentrations of 0.02 %, 0.04 %, 0.08 %, 0.1 %, 0.2 %, and 0.3 % by mass) are available as a set in NIST-1828b and as individual solutions in SRMs 2891 through 2896, respectively. A second NIST-suite, NIST-1847, is intended primarily for the calibration of instruments and techniques used for the determination of ethanol in breath. NIST-1847 is a set of three levels (nominal concentrations of 2 %, 6 %, and 25 % by mass). These three levels are also available as individual solutions in SRMs 2897 through 2899, respectively. A unit of NIST-2891 consists of five 2-milliliter ampoules, each containing 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
	Ethanol	[64-17-5]	0,01951 ±0,00018	%		