

105.3 - Ethanol Solutions

These SRMs are intended for use in the calibration of instruments and techniques for the determination of ethanol (ethyl alcohol) in breath and blood. SRM 1828a consists of six concentrations of ethanol-water solutions in ampoules.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Nominal Concentration (mass fraction in %)
1828c	Ethanol-Water Solutions (Six Levels)	6 x 1.2 mL	0.02, 0.04, 0.08, 0.1, 0.2, 0.3
2891	Ethanol-Water Solution (Nominal Mass Fraction 0.02 %)	5 x 1.2 mL	0.02
2892	Ethanol-Water Solution (Nominal Mass Fraction 0.04 %)	5 x 1.2 mL	0.04
2893a	Ethanol-Water Solution (Nominal Mass Fraction 0.08 %)	5 x 1.2 mL	0.08
2894	Ethanol-Water Solution (Nominal Mass Fraction 0.1 %)	5 x 1.2 mL	0.1
2895	Ethanol-Water Solution (Nominal Mass Fraction 0.2 %)	5 x 1.2 mL	0.2
2896	Ethanol-Water Solution (Nominal Mass Fraction 0.3 %)	5 x 1.2 mL	0.3
2897a	Ethanol-Water Solution (Nominal Mass Fraction 2 %)	5 x 10 mL	2
2898a	Ethanol-Water Solution (Nominal Mass Fraction 6 %)	5 x 10 mL	6
2899a	Ethanol-Water Solution (Nominal Mass Fraction 25 %)	5 x 10 mL	25
2900	Ethanol-Water Solution (Nominal Mass Fraction 95.6%)	5 x 10 mL	95.6

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- Certified values are normal font
 - Non-certified or reference values are italicized
 - Non-certified values in parentheses are for information only