

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

Nominal Concentration (mass fraction in %)	0.02, 0.04, 0.08, 0.1, 0.2, 0.3	0.02	0.04	0.08	0.1	0.2	0.3	2	6	25
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- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only

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2900

Ethanol-Water
Solution
(Nominal
Mass Fraction
95.6%)
(5 x 10 mL)

95.6

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