

### Certificate of Analysis

**Product: SDA 40B Ethanol 200 Proof (100%)**  
**Item Number: EAS40B200**  
**Grade: Reagent**  
**Lot Number: 299508**  
**Manufacture Date: 04/12/2023**  
**Expiration Date: 04/11/2025**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Clear liquid, no particulate	Pass
Color (APHA)	Colorless ( $\hat{\%}\pm 10$ )	Pass
Odor	Characteristic ethanolic	Pass
Taste	Bitter (denatonium benzoate)	Pass
Specific Gravity @ 60 $\hat{\circ}$ F	0.7936 - 0.7962	0.7939
Specific gravity @ 25 $\hat{\circ}$ C	0.7871 - 0.7896	0.7874
Apparent proof	199.0 - 200	199.9
Water, ppm	$\hat{\%}\pm 1000$	180
Water miscibility	Miscible at all proportions	Pass
Identification (GC scan)	Compares to standard	Pass

SDA 40-B 200 Proof is prepared according to TTB formula 27 CFR part 21.76 (100 gallons ethanol plus 1/8 gallon tert-butyl alcohol and 1/16 avdp. oz. denatonium benzoate).

#### [SDA 40B Ethanol 200 Proof \(100%\)](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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