LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Benzyl Alcohol NF/FCC Grade
Item Number: BZALCF
CAS#: 100-51-6
Grade: FCC,NF
Lot Number: 5002680/4.1
Manufacture Date: 03/24/2026
Expiration Date: 03/23/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Refractive Index @ 20°C	1.539 - 1.541	1.541
Residue on Evaporation, <5mg (NF)	To Pass Test	Passes
Specific Gravity @ 25°C	1.042 - 1.047	1.045
Acidity (NF)	Max 1.0 mL	0.1 mL
Residual Solvent Benzene (USP/NF)	Max 2 ppm	1 ppm
Residual Solvent Toluene (USP/NF)	Max 30 ppm	18 ppm
Assay (NF)	Min 99.8%	99.9%
Aldehydes as Benzaldehyde (FCC)	Max 0.2%	0%
Visual Examination	Clear and colorless	Pass
Identification (NF/FCC)	To Pass Tests	Pass
Assay (FCC)	Min 99.0%	99.9%
Chlorinated Compounds (FCC)	To Pass Tests	Pass
Peaks w/ retention time <BzAlc (NF)	Max 0.04%	0.03%
Peaks w/ retention time >BzAlc (NF)	Max 0.3%	0.0%
Residual Solvents (USP/NF)	To Pass Tests	Pass
Distillation Range (FCC)	202.5 - 206.5°C	Pass
Color of Solution (NF)	To Pass Tests	Pass
Clarity of Solution (NF)	To Pass Tests	Pass
Benzaldehyde (NF)	Max 0.15%	0.01%
Cyclohexylmethanol (NF)	Max 0.10	0.00%

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Peroxide Value (NF)	Max 5	0

Store in a cool, dry, and well-ventilated environment away from direct sunlight.

Benzyl Alcohol NF/FCC Grade

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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