LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: n-Butanol
Item Number: NBTALCA
Grade: ACS
Lot Number: 5001695/1.1
Manufacture Date: 10/09/2025
Expiration Date: 10/02/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear, colorless liquid	Pass
Color, APHA	Max.10	2
Water	Max. 0.100 wt%	0.093%
Specific Gravity @ 25°C	0.807 - 0.809	0.807
Acidity as Acetic Acid	Max. 0.005 wt%	0.0007
Carbonyl compounds as butyraldehyde	Max. 0.01 wt%	Pass
Residue after Evaporation	Max. 0.005%	Pass
n-Butanol	Min 99.4 wt%	99.77
Di-n-butyl Ether	Max 0.2 wt%	Pass
Non-volatile matter	Max 0.0050 wt%	0.0003
Titrable acid	Max 0.0008 meq/g	Pass
Distillation Range	including 117.7°C max 1.5°C	Pass
Refractive index at 25°C	1.39750 - 1.399950	1.39750
Aldehyde	Pass the test	Pass

n-Butanol

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

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