

Certificate of Analysis

Product: n-Butanol
Item Number: NBTALCA
Grade: ACS
Lot Number: 5000059/1.1
Manufacture Date: 01/05/2023
Expiration Date: 01/04/2025
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear, colorless liquid	Pass
Color, APHA	MAX 10	3
Water	Max. 0.100 wt%	0.100
Specific Gravity @ 20/20°C	0.8100 - 0.8120	0.8110
Acidity as Acetic Acid	Max. 0.005 wt%	0.002
Carbonyl compounds	Max. 0.01 wt%	0.001
Residue after Evaporation	Max. 0.005%	0.001
n-Butanol	>99.4 wt%	99.895
Isobutanol	Max. 0.100 wt%	0.056
Di-n-butyl Ether, W%	Max 0.2 wt%	0.028
n-butyraldehyde	Max 0.0230 wt%	0.001

This document is valid as Certificate of Conformance. Lab Alley conforms that the product has been tested and meets all the specifications outlined for a Reagent Grade product. Lab Alley also conforms that the mentioned product is stored, handled and distributed following the procedures outlined on the EOS Quality Manual of Lab Alley. Lab Alley highly recommends to thoroughly follow Safety Data Sheet available on Lab Alley's website before handling the product. The shelf life of the product is valid only when the product is stored in the original container and under proper storage conditions mentioned on the section 7 of the SDS.

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[n-Butanol](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory

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