

# Product Specification

## n-Butyl Alcohol, ACS Reagent Grade

Lot Number: SAMPLE

Product Number: R1651000

Date Packaged: N/A

Expiration Date: N/A

**Contains** $\text{CH}_3(\text{CH}_2)_3\text{OH}$  CAS No. 71-36-3 MW 74.12

Test	Specification	Result
Assay	min 99.4 %	N/A
Butyl Ether ( $\text{C}_8\text{H}_{18}\text{O}$ )	max 0.2 %	N/A
Carbonyl Compounds (as Butyraldehyde)	max 0.01 %	N/A
Color (APHA)	max 10	N/A
Residue after evaporation (Non-Volatile Matter)	max 0.005 %	N/A
Titration Acid	max 0.0008 meq/g	N/A
Water ( $\text{H}_2\text{O}$ )	max 0.1 %	N/A

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
R1651000-4A	4 L natural poly	60 months
R1651000-500A	500 mL natural poly	60 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."