

F-QC-001 Rev.00

Certificate Of Analysis



Product Name : n-Butanol 99.5 % AR (n-Butyl Alcohol)

Catalog Number : B-3056

Batch Number : 3056-00000000

CAS Number : 71-36-3

Molecular Weight : 74.12 g/mol

Mol. Formula : $\text{CH}_3(\text{CH}_2)_3\text{OH}$

Expire Date : 60 months

No	Test	Specifications	Results
1	Appearance	A clear colorless liquid	A clear colorless liquid
2	Assay (by GC)	min 99.5 %	99.96%
3	Wt. Per ml at 20 °C	0.808 – 0.810 g/cm ³	0.809 g/cm ³
4	Colour	max 10 Hazen	7 Hazen
5	Refractive Index (n_{D}^{20})	1.399 – 1.400	1.399
6	Water-insoluble matter	Passes Test	Passes Test
7	Water (H ₂ O)	max 0.1 %	0.0589%
8	Non-volatile matter	max 0.003 %	0.0015%
9	Acidity (CH ₃ COOH)	max 0.003 %	0.0018%
10	Aldehydes and Ketones (C ₃ H ₇ .CHO)	max 0.015 %	0.007%
11	Copper (Cu)	max 0.0001 %	0.00004%
12	Iron (Fe)	max 0.0002 %	0.00005%
13	Lead (Pb)	max 0.0001 %	0.00007%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification**SUDIRO S.Si.**
Manager QC