

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Benzyl Alcohol 99% AR

Catalog Number : B-3016

Batch Number : 3016 -00000000

CAS Number : 100-51-6

Molecular Weight : 108,14 g/mol

Mol. Formula : C₇H₈O

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	A Clear colorless liquid	A Clear colorless liquid
2	Assay (GC)	min 99 %	99.76%
3	Clarity of solution (2 mg in 60 ml water)	passes USP test	Passes USP test
4	Color of solution	clear colorless solution	clear colorless solution
5	Wt.per ml at 20 °C	1.043 - 1.048 g/cm ³	1.043 g/cm ³
6	Refractive index (n ²⁰ _D)	1.538 - 1.541	1.540
7	Residu on evaporation	max 0.05 %	0.002%
8	Acidity (as per USP)	passes test	passes test
9	Heavy metal (as Pb)	max 0.0001 %	0.000023%
10	Iron (Fe)	max 0.0001 %	< 0.0001 %
11	Acetophenone	max 0.02 %	< 0.02 %
12	Peroxide number	max 5.0	1.5
13	Residu on ignition (at 600 °C for 15 mins)	max 0.005 %	0.0028%
14	Water (H ₂ O)	max 0.1 %	0.037%
15	Benzaldehyde (C ₆ H ₅ CHO)	max 0.05 %	0.01%
16	Cyclohexyl methanol	max 0.1 %	Not detected

Corresponds to AR/ACS, Confirm to USP Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.
Manager QC