

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Benzaldehyde 99% AR

Catalog Number : B-3014

Batch Number : 3014 -00000000

CAS Number : 100-52-7

Molecular Weight : 106,12 g/mol

Mol. Formula : C₇H₆O

Expire Date : 60 Months



No	Test	Specifications	Results
1	Appearance	pale yellow coloured liquid with characteristic odour	pale yellow coloured liquid with characteristic odour
2	Assay (by GC)	min 99.0 %	99.96%
3	Wt.per ml at 20 °C	1.044 - 1.046 g/cm ³	1.044 g/cm ³
4	Refractive index (20°C;589 nm)	1.544 - 1.546 n ²⁰ _D	1.545 n ²⁰ _D
5	Acidity (as C ₆ H ₅ COOH)	max 0.3 %	0.12%
6	Sulphated ash	max 0.01 %	0.004%
7	Benzylidene dichloride (C ₇ H ₆ Cl ₂)	max 0.05 %	0.023%
8	Ionised chloride (Cl)	max 0.0001 %	0.00009%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC