

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Chloroform 99.8 % AR

Catalog Number : B-3020

Batch Number : 3020-00000000

CAS Number : 67-66-3

Molecular Weight : 119.38 g/mol

Mol. Formula : CHCl_3

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	clear colorless liquid with a characteristic odour	clear colorless liquid with a characteristic odour
2	Assay (by GC)	min 99.8 %	99.85%
3	Wt. Per ml at 20 °C	1.474 – 1.479 g/cm ³	1.476 g/cm ³
4	Colour	max 10 Hazen	7 Hazen
5	Refractive Index (n_{20}^D)	1.444 – 1.447	1.445
6	Water (H_2O)	max 0.05 %	0.027%
7	Acidity (as HCl)	max 0.0005 meq/g	0.0003 meq/g
8	Non-volatile matter	max 0.0005 %	0.00021%
9	Ionized Chloride (Cl)	max 0.00002 %	0.000003%
10	Free Chlorine (Cl)	max 0.0005 %	0.00015%
11	Metalic impurities	No reaction	No reaction
12	Aldehydes and Ketones (CH_3CHO)	max 0.005 %	0.0011%
13	Organic impurities	passes test	Passes test
14	Ethanol as stabilizer	0.5 - 1.0 %	0.7%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC