

F-QC-001 Rev.00

Certificate Of Analysis



Product Name : Carbon Tetrachloride 99.5 % AR

Catalog Number : B-3018

Batch Number : 3018-00000000

CAS Number : 56-23-5

Molecular Weight : 153.82 g/mol

Mol. Formula : CCl₄

Expire Date : Oct, 2029

No	Test	Specifications	Results
1	Appearance	Clear colorless liquid	Clear colorless liquid
2	Assay (GC, area %)	min 99.5 %	99.83%
3	Wt. Per ml at 20 °C	1.592 – 1.595 g/cm ³	1.593 g/cm ³
4	Refractive index (20°C;589 nm)	1.460 – 1.461 n ²⁰ _D	1.461 n ²⁰ _D
5	Water (H ₂ O)	max 0.02 %	0.0061%
6	Acidity (as HCl)	max 0.0005 %	0.00019%
7	Non-volatile matter	max 0.001 %	0.0002%
8	Ionised chloride (Cl)	max 0.00006 %	0.000012%
9	Free chlorine (Cl)	max 0.00001 %	0.000004%
10	Reaction against H ₂ SO ₄	passes test	pass
11	Carbon disulphide (CS ₂)	max 0.0005 %	0.00013%
12	Iodine reducing substances (I)	max 0.0016 %	0.0007%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC