

CERTIFICATE OF ANALYSIS

Product Name	Dichloromethane GC-MS Grade		
Synonyms	Methylene chloride		
CAS No	75-09-2		
Product code	SY00012	Batch No	LDIBF0804
Molecular Formula	CH ₂ Cl ₂	Molecular Weight	84.93
Mfg. Date	Jun-26	Expiry Date	May-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Description	Clear colourless liquid	Clear colourless liquid
Solubility	Miscible with water	Complies
Purity (By GC)	Min. 99.90 %	99.98%
Residue on evaporation	0.0003% max.	0.0003%
Carbon tetrachloride	NMT 0.002%	NMT 0.002%
Chloroform	NMT 0.005%	NMT 0.005%
Free acid (as CH₃COOH)	NMT 0.002%	NMT 0.002%
Density	1.323 - 1.325g	1.324g
Identification by IR	Identification by structure	Complies
PAH-test (HPLC) : NMT 2 PPM	NMT 2 PPM	NMT 2 PPM
GC-FID	10µg/L max. (as 2-octanol)	Less than 10µg/g
GC-ECD	10ng/L max. (as Heptachlor epoxide)	Less than 10ng/L
Water	0.02% max.	0.02%

Filtered through a 0.2 µm membrane and filled under protective gas. Stabilised with 30-60 ppm amylene.

Approved by
Dr. Gopinath PH. D

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