

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Dichloromethane GC Grade		
<b>Synonyms</b>	Methylene chloride		
<b>CAS No</b>	75-09-2		
<b>Product code</b>	SY00053	<b>Batch No</b>	LDIBF0442
<b>Molecular Formula</b>	ClCH <sub>2</sub> Cl	<b>Molecular Weight</b>	84.93
<b>Mfg. Date</b>	Apr-26	<b>Expiry Date</b>	Mar-29
<b>Storage Conditions</b>	Store at room temperature, tightly closed container		

Test	Specification	Results
<b>Description</b>	Clear colourless liquid	Clear colourless liquid
<b>Solubility</b>	Miscible with water	Complies
<b>Purity (By GC)</b>	Min. 99.90 %	99.96%
<b>Residue on evaporation</b>	0.0003% max.	0.0003%
<b>Density</b>	1.323 - 1.325g	1.324g
<b>Refractive Index (20°C)</b>	1.424-1.425	1.424
<b>Acidity (HCl)</b>	max. 0.0005%	0.0002%
<b>Water (KF)</b>	max. 0.05%	0.01%
<b>Free Chlorine (Cl)</b>	max. 0.0001%	Passes
<b>Transmission@235nm</b>	Min. 10%	48.97%
<b>Transmission@240nm</b>	Min. 50%	80.57%
<b>Transmission@245nm</b>	Min. 80%	93.15%
<b>Transmission@248nm</b>	Min. 90%	95.90%
<b>Transmission@260nm</b>	Min. 98%	99.32%

**Approved by**  
Dr. Gopinath PH. D

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