

# PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

## CERTIFICATE OF ANALYSIS

Product Name : Dichloromethane AR

Mol. Formula : CH<sub>2</sub>Cl<sub>2</sub>

Mol. Weight : 84.93 g/mol

Catalog No. : A-1031

Cas No : 75-09-2



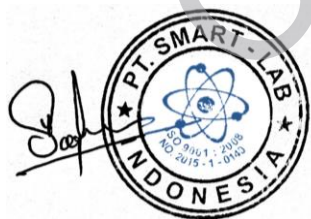
Batch No. : Sample COA

Shelf Life : 60 Months

NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	-	Clear colorless liquid	Clear colorless liquid
2.	Assay (GC)	wt %	min 99.5	99.977
3.	Wt. Per ml at 20 °C	g/cm <sup>3</sup>	1.324 – 1.326	1.325
4.	Colour	Hazen	max 10	< 10
5.	Refractive Index	n <sup>20</sup> <sub>D</sub>	1.424 – 1.425	1.425
6.	Water	wt %	max 0.05	0.0468
7.	Non-volatile matter	wt %	max 0.001	0.00081
8.	Acidity (as HCl)	wt %	max 0.001	0.00088
9.	Free chlorine (Cl)	wt %	max 0.0003	< 0.0003
10.	Formaldehyde (HCHO)	wt %	max 0.0001	< 0.0001
11.	Iron (Fe)	wt %	max 0.00001	< 0.00001
12.	Lead (Pb)	wt %	max 0.000005	< 0.000005

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar  
Manager QC