



SISCO CHEM

Laboratory Chemicals & Reagents

CIN No: U24110MH1998PTC114594

ISO 9001:2015 Certified company



CERTIFICATE OF ANALYSIS

Product Name	1,4-DIOXANE		
Synonyms	Diethylene oxide		
Grade	AR		
CAS No	123-91-1		
Molecular Formula	C ₄ H ₈ O ₂		
Molecular weight	88.11		
Batch No.		Date of Analysis	
Code No.	12031	Date of Retest	

Sr.	Test	Specifications	Results
1	Appearance	A clear colourless liquid	A clear colourless liquid
2	Density (g/cm ³)	1.04 -1.05	1.034
3	Assay (by GC)	Min 99.5%	99.82%
4	Refractive index (20°C)	1.421 - 1.423	1.422
5	Water (H ₂ O)	Max 0.05 %	0.023%
6	Identification by IR	Confirm to the structure	Complies
7	Acidity (as CH ₃ COOH)	0.02%	0.006%
8	Non-volatile matter	Max 0.01%	0.001%
9	Copper (Cu)	Max 0.0001%	0.000003%

The submitted sample complies with the prescribed standards of quality.

Chemist by

Q.C. Incharge