



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

**95536 - 1,4-Dioxane extrapure AR, ACS, ExiPlus,
Multi-Compendial, 99.5% - [123-91-1]**

Batch No

1788623

Analysis Date

04-Aug-2021

Date of Manufacture

August 2021

Expiry Date/Re-Test Date

August 2026

Molecular Formula

C₄H₈O₂

Molecular Weight

88.11

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.5%	99.79%
Density (g/ml) @ 20°C	1.032-1.034	1.032
Refractive Index (20°C)	1.421-1.423	1.421
Boiling Range	100-102°C	100-102°C
Freezing Point	min. 11°C	11°C
Non Volatile Matter	max. 0.001%	0.0005%
Acidity (CH ₃ COOH)	max. 0.01%	0.0005%
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.00001%	Passes
Acetal (C ₆ H ₁₄ O ₂)	max. 0.3%	Passes
Peroxide (H ₂ O ₂)	max. 0.005%	0.0007%
Carbonyl compounds (HCHO)	max. 0.01%	Passes
Water (KF)	max. 0.05%	0.03%
Stabilizer	2,6 Di-tertbutylp- resol(2.5ppm)	Present

FRM/82/11/2/95536 Rev No. 2 Date 29/10/2018

Prepared by **Rajashri**

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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