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# Certificate of Analysis

**Product**

**58857 - Benzene extrapure AR, ACS, ExiPlus,  
Multi-Compendial, 99.7% - [71-43-2]**

**Batch No**

**2030375**

**Analysis Date**

08-May-2024

**Date of Manufacture**

May 2024

**Expiry Date/Re-Test Date**

May 2029

**Molecular Formula**

C6H6

**Molecular Weight**

78.11

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.7%	99.99%
Density (g/ml) @ 20°C	0.878 - 0.879	0.878
Refractive Index (20°C)	1.499 - 1.501	1.499
Boiling Range	80 - 81°C	80-81°C
Freezing Point	5°C	5°C
Non Volatile Matter	max. 0.001%	0.0007%
Acidity (HCl)	max. 0.001%	0.0003%
Substance Discoloured by H2SO4	Passes test	Passes
Sulphur Compound (S)	max. 0.005%	Passes
Thiophene (C4H4S)	max. 0.0001%	Passes
Water (KF)	max. 0.05%	0.02%

FRM/82/11/2/58857 Rev No. 1 Date 01/11/2015

Prepared by Ashish

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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