



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product 16410 - Benzene ACS, 99.7% - [71-43-2]
Batch No 7793643
Analysis Date 19-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 2029
Molecular Formula C6H6
Molecular Weight 78.11

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Solubility	0.1gm in 100ml of water at 20°C	Passes
Assay (GC)	min. 99.5%	99.9%
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%
Substance Discoloured by H2SO4	Passes test	Passes
Thiophene (C4H4S)	max. 0.0001%	Passes
Sulphur Compound (S)	max. 0.005%	Passes
Water (KF)	max. 0.05%	0.04%
Absorbance of sample in 1cm cell v/s H2O		.
@280nm	max. 1.00	0.540
@290nm	max. 0.30	0.072
@300nm	max. 0.10	0.023
@330nm	max. 0.04	0.007
@350nm	max. 0.02	0.002
@380-400nm	max. 0.01	0.001

FRM/82/11/2/16410 Rev No. 2 Date 12/05/2024

Prepared by Sujit

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.