



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	10722 - Imidazole for tissue culture, 99.5% - [288-32-4]
Batch No	7394486
Analysis Date	17-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C3H4N2
Molecular Weight	68.08

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (NT)	min. 99.5%	99.9%
pH (5% aq. solution)	9.5 - 11.0	11.0
Melting Point	89 - 90°C	90°C
Sulphated Ash	max. 0.1%	0.01%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Water (KF)	max. 0.5%	0.2%
Absorbance (A) of 5% aq. solution in a 1cm cell v/s H2O		
@260nm	max. 0.1	0.0310
@280nm	max. 0.1	0.0211
@324nm	max. 0.05	0.0080
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/10722 Rev No. 2 Date 22/01/2023

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, 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.