



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	49270 - Putrescine Dihydrochloride for tissue culture, 99% - [333-93-7]
Batch No	9418213
Analysis Date	29-Jul-2023
Date of Manufacture	July 2023
Expiry Date/Re-Test Date	July 2028
Molecular Formula	C ₄ H ₁₂ N ₂ .2HCl
Molecular Weight	161.08

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 10% aq. solution	Almost clear	Almost clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (ex Cl)	min. 99%	99.5%
Suitability for Tissue Culture	Passes test	Passes

FRM/82/11/4/49270 Rev No. 1 Date 07/28/2018

Prepared by Jayesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 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.