



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

## Certificate of Analysis

<b>Product</b>	<b>82500 - Thiamine Hydrochloride for tissue culture, 98.5% - [67-03-8]</b>
<b>Batch No</b>	<b>8529385</b>
<b>Analysis Date</b>	26-Nov-2022
<b>Date of Manufacture</b>	November 2022
<b>Expiry Date/Re-Test Date</b>	November 2027
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>17</sub> N <sub>4</sub> O <sub>2</sub> SCl.HCl
<b>Molecular Weight</b>	337.27

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Assay (NT)	min. 98.5%	99.1%
pH (2.5% aq. solution)	2.7 - 3.3	2.8
Loss on drying	max. 5%	0.9%
Sulphated Ash	max. 0.1%	0.02%
Heavy Metals (Pb)	max. 0.001%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/82500 Rev No. 3 Date 26/11/2022

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.