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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>87114 - Inositol for tissue culture, 99% - [87-89-8]</b>
<b>Batch No</b>	<b>9481058</b>
<b>Analysis Date</b>	18-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular Weight</b>	180.16

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	min. 99%	99.36%
Melting Point	223 - 226°C	225.8°C
Loss on drying	max. 0.5%	0.1%
Sulphated Ash	max. 0.1%	0.04%
Heavy Metals (Pb)	max. 0.001%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/87114 Rev No. 2 Date 04/07/2018

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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