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## Certificate of Analysis

<b>Product</b>	<b>11324 - Ferrous Sulphate Heptahydrate for cell culture, 99.5%, Endotoxin (BET) 0.05EU/mg - [7782-63-0]</b>
<b>Batch No</b>	<b>7422388</b>
<b>Analysis Date</b>	23-Jul-2022
<b>Date of Manufacture</b>	July 2022
<b>Expiry Date/Re-Test Date</b>	July 2027
<b>Molecular Formula</b>	FeSO <sub>4</sub> .7H <sub>2</sub> O
<b>Molecular Weight</b>	278.02

Test Parameters	Standards	Actual Results
Appearance (Colour)	Green or green-blue or light blue	Light blue
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution with 1ml dilute H <sub>2</sub> SO <sub>4</sub>	Clear	Clear
Assay	min. 99.5%	99.7%
pH (5% aq. solution)	3.0 - 4.0	3.1
Chloride (Cl)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.001%	Passes
Copper (Cu)	max. 0.001%	Passes
Potassium (K)	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes
Ferric Iron(Fe+3)	max. 0.02%	Passes
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/11324 Rev No. 1 Date 09/03/2022

Prepared by Nilesh

In compliance with the standard specifications of SRL

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

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