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Certificate of Analysis

Product	14050 - Pyridoxine Hydrochloride (Vitamin B6) for cell culture, 99%, Endotoxin (BET) 1EU/mg - [58-56-0]
Batch No	1554068
Analysis Date	20-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₈ H ₁₁ NO ₃ .HCl
Molecular Weight	205.64

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Colourless to pale yellow	Colourless
Assay (NT)	min. 99%	99.8%
Melting Point	205 - 212°C	209.1°C
pH (5% aq. solution)	2.3 - 3.5	2.5
Loss on drying	max. 0.5%	0.07%
Sulphated Ash	max. 0.1%	0.05%
Heavy Metals (Pb)	max. 0.003%	Passes
Absorbance (A) of 0.001% solution in 0.1N HCl in a 1cm cell		
@290nm	~0.436	0.437
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<1.0 EU/mg	Passes

FRM/82/11/4/14050 Rev No. 5 Date 25/06/2023

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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