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Certificate of Analysis

Product	26921 - L-Hydroxyproline extrapure CHR, 99% - [51-35-4]
Batch No	1187411
Analysis Date	15-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C5H9NO3
Molecular Weight	131.13

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless to Pale yellow	Pale yellow
Assay (NT)	min. 99.0%	99.8%
Loss on drying	max. 0.5%	0.06%
Sulphated Ash	max. 0.1%	0.02%
Specific rotation [α]	-77° to -73° (C=1, H ₂ O)	-76.238°
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Ammonium (NH ₄)	max. 0.01%	Passes
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/26921 Rev No. 4 Date 18/02/2024

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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