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Certificate of Analysis

Product	84974 - D-(+)-Xylose extrapure - [58-86-6]
Batch No	7400467
Analysis Date	25-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C5H10O5
Molecular Weight	150.13

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
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Melting Point	148-151°C	151°C
Specific rotation [α]	+19° to +20° (C=10, Water)	+19.233°
Water (KF)	max. 0.5 %	0.4%
Sulphated Ash	max. 0.1 %	0.08%
Iron (Fe)	max. 0.001 %	Passes
Heavy Metals (Pb)	max. 0.001 %	Passes

FRM/82/11/4/84974 Rev No. 1 Date 01/11/2015

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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