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Certificate of Analysis

Product

**56043 - Hydroxypropyl-B-Cyclodextrin (HPBCD)
ExiPlus, Multi-Compendial, 98% - [128446-35-5]**

Batch No

4405980

Analysis Date

17-Jan-2024

Date of Manufacture

January 2024

Expiry Date/Re-Test Date

January 2029

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Colourless	Colourless
Assay (HPLC)	min. 98%	98.5%
Loss on drying	max. 10%	3.1%
Residue on ignition	max. 0.2%	0.05%
Chloride (Cl)	max. 0.05%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Betadex	max. 1.5%	0.34%
Molar substitution	0.40 - 1.50	0.68
Sum of other impurities	max. 0.1%	Not detected
1,2-Propylene glycol	max. 0.5%	0.05%

FRM/82/11/4/56043 Rev No. 2 Date 20/11/2023

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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