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## Certificate of Analysis

<b>Product</b>	<b>64328 - Magnesium Acetate Tetrahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [16674-78-5]</b>
<b>Batch No</b>	<b>3193249</b>
<b>Analysis Date</b>	05-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>6</sub> MgO <sub>4</sub> ·4H <sub>2</sub> O
<b>Molecular Weight</b>	214.40

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.7%
pH (5% aq. solution)	7.0 - 9.0	7.4
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Nitrogen Compounds (N)	max. 0.001%	Passes
Potassium (K)	max. 0.001%	Passes
Sodium (Na)	max. 0.001%	Passes

FRM/82/11/4/64328 Rev No. 2 Date 03/07/2022

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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