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## Certificate of Analysis

<b>Product</b>	<b>33568 - Nickel (II) Nitrate Hexahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [13478-00-7]</b>
<b>Batch No</b>	<b>8659721</b>
<b>Analysis Date</b>	11-Dec-2023
<b>Date of Manufacture</b>	December 2023
<b>Expiry Date/Re-Test Date</b>	December 2028
<b>Molecular Formula</b>	Ni(NO <sub>3</sub> ) <sub>2</sub> .6H <sub>2</sub> O
<b>Molecular Weight</b>	290.79

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of Ph. Eur	Passes
Appearance (Colour)	Green	Green
Appearance (Form)	Crystalline powder / Deliquescent crystals	Deliquescent crystals
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Assay (EDTA Titration)	min. 99%	99.8%
Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.002%	Passes
Iron (Fe)	max. 0.001%	Passes
Ammonium (NH <sub>4</sub> )	max. 0.05%	Passes
Calcium (Ca)	max. 0.01%	Passes
Cobalt (Co)	max. 0.1%	Passes
Copper (Cu)	max. 0.0005%	Passes
Lead (Pb)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.01%	Passes
Manganese (Mn)	max. 0.002%	Passes
Potassium (K)	max. 0.01%	Passes
Sodium (Na)	max. 0.05%	Passes
Zinc (Zn)	max. 0.01%	Passes

FRM/82/11/4/33568 Rev No. 3 Date 25/06/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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