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# Certificate of Analysis

**Product** 72615 - Molybdenum Trioxide extrapure AR, ACS, 99.5% - [1313-27-5]  
**Batch No** 5803465  
**Analysis Date** 30-Jun-2024  
**Date of Manufacture** June 2024  
**Expiry Date/Re-Test Date** June 2029  
**Molecular Formula** MoO<sub>3</sub>  
**Molecular Weight** 143.94

Test Parameters	Standards	Actual Results
Appearance (Colour)	White-green to Grey	Grey
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 10% solution in dilute Ammonia	Clear to hazy	Hazy
Assay (as MoO <sub>3</sub> )	min. 99.5%	99.8%
Insoluble in dilute Ammonium Hydroxide	max. 0.01%	0.008%
Chloride (Cl)	max. 0.002%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.01%	Passes
Iron (Fe)	max. 0.002%	Passes
Heavy Metals (Pb)	max. 0.003%	Passes
Arsenate, Phosphate and Silicate (PO <sub>4</sub> )	max. 0.001%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0005%	Passes
Ammonium (NH <sub>4</sub> )	max. 0.002%	Passes

FRM/82/11/4/72615 Rev No. 2 Date 23/10/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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