

CERTIFICATE OF ANALYSIS

Standard product specification — applicable to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd.

Product Name	Sodium molybdenum oxide, ACS,99.5-103.0%	C.A.S. Number	10102-40-6
Product Category	Agrochemicals & Fertilizers	Product Group	Micronutrients
Grade / Standard	39% Mo	Physical Form	White crystalline powder
Country of Origin	India	Document No.	SCX/COA/4F4BBD
Packing	Standard export packing — bags, drums, carboys, IBC or ISO tank as applicable	Storage	Cool, dry, well-ventilated place in tightly closed original packing

ANALYTICAL RESULTS

S. No.	Test Parameter	Specification	Result	Method
1	Description	White crystalline powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Assay	Not less than 39.0 % w/w	40.07	Titrimetry / Instrumental
5	Moisture	Not more than 1.5 % w/w	0.66	Gravimetry
6	Water Solubility	Completely soluble	Complies	Visual / Gravimetry
7	Particle Size (1 – 4 mm)	Not less than 90 %	95.9	Sieve analysis
8	pH (5 % aqueous solution)	As per specification	5.5	Potentiometry
9	Heavy Metals (as Pb)	Not more than 20 ppm	Less than 10 ppm	ICP-OES

Remarks Material supplied against this specification is analysed on every production lot and conforms to the limits stated above in all tested parameters. Results shown are the typical values obtained for this grade. Retained samples are held against every export consignment. Store in tightly closed original packing, in a cool, dry, well-ventilated place away from incompatible materials and direct sunlight.	Checked and Approved by Prem Panchal Quality Assurance Scapex Exports Pvt. Ltd.
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This document sets out the standard specification for the product named above and applies to all consignments of this grade. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with each consignment. The information is given in good faith; it does not constitute a warranty of fitness for any particular purpose. Refer to the Safety Data Sheet before handling.