

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM MOLYBDATE AR (DIHYDRATE)**

<b>CAS No</b>	: 10102-40-6	<b>Product code</b>	: 25880
<b>Mol. Formula</b>	: Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O	<b>Batch No.</b>	: MCRT-30416
<b>Mol. WT</b>	: 241.95	<b>Mfd.</b>	: Feb. 2024
<b>Date of analysis</b>	: 16/02/24	<b>Exp.</b>	: Jan. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless crystals or white crystalline powder.	White crystalline powder.
2	<b>Assay</b>	99.0 -102.0 %w/w	99.51% w/w
3	<b>Reaction pH</b>	7.0-10.5	7.25
4	<b>Insoluble matter</b>	0.005% max	0.003%
5	<b>Chloride (Cl)</b>	0.001 %max	<0.001 %
6	<b>Nitrate (NO<sub>3</sub>)</b>	0.005% max	<0.005 %
7	<b>Phosphate (PO<sub>4</sub>)</b>	0.001 % max	<0.001 %
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.02% max	<0.02 %
9	<b>Ammonium(NH<sub>4</sub>)</b>	0.01 % max	< 0.01 %
10	<b>Copper (Cu)</b>	0.002 %max	<0.002 %
11	<b>Iron (Fe)</b>	0.001% max	<0.001 %
12	<b>Lead (Pb)</b>	0.001% max	<0.001 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Deepa)**

**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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