

**Drugs and Pharmaceutical Products** UNSPSC CODE : 51000000

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**Commodity : Sodium molybdate UNSPSC CODE :**

**Selling Unit : mass-gm**

S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation n/ Remark	M	F	G	Demand aggregati on
<b>REQUIRMENTS</b>											
1	Chemical formula	Ch	Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O	Na <sub>2</sub> MoO <sub>4</sub>				√	√		
2	Molecular weight (g/mol)	N	241.95(dihydrate)	205.92 (anhydrous)				√	√		
3	Grade	text						√			
4	Assay (%)	N	≥ 99.0					√	√		
5	Density (g/cm <sup>3</sup> , solid)	N	3.78					√			
6	Melting point ( °C )	N	687					√			
7	Solubility in water g/ml (at 100 °C)	N	84/100					√			
8	Refractive index (nD)	N	1.714					√			
9	Flash point Non- flammable	Ch	Non-flammable					√			
10	pH-Value (1% w/v; water)	N	7.0-10.5					√	√		
11	Chloride (Cl) (%)	N	≤0.005					√	√		
12	Sulfate (SO <sub>4</sub> ) (%)	N	≤0.02					√	√		
13	Phospahte, arsenate & silicate (as PO <sub>4</sub> ) (%)	N	≤0.001					√	√		
14	Lead (Pb) (%)	N	≤0.001					√	√		
15	Iron (Fe) (%)	N	≤0.001					√	√		

16	Physical form of material	Ch	Crystal	Liquid	Powder	Pellets		√	√		
17	Colour of material	Text						√			
<b>Packing</b>											
18	The material shall be packed as agreed to between the purchaser and the supplier	CH	YES					√			
19	Packing size (in gm)	N	500	1000				√	√	√	
<b>Marking</b>											
20	The packages shall be legibly marked with the following information : a)Name and grade of the material; b)Net mass of the material; c)Year of manufacture; d)Manufacturer's name or his recognized trade-mark, if any; and e)Batch number, to enable the batch of manufacture to be traced from records	CH	YES					√			
<b>Shelf Life</b>											
21	Shelf Life (years)	N	1	2	3	4		√	√	√	
<b>Test Report Details</b>											

22	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No					√	√		
23	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA					√	√		