

## FINE CHEMICAL

<b>Department: Quality Control</b>	<b>Document No: LCPL/QSD/QAD/11</b>	<b>SOP No.: DB/SOP/QC/11-A026</b>
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### SPECIFICATION : AMMONIUM MOLYBDATE TETRAHYDRATE LR

<b>Issue date</b>	15/05/2018	<b>Review date</b>	14/05/2023	<b>Location</b>	<b>All Units</b>
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#### PRODUCT DETAILS

1	Molecular Formula	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> ·4H <sub>2</sub> O	
2	Product code	A026	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> • 4H <sub>2</sub> O
3	Molecular weight	1235.86	
4	CAS No	12054-85-2	
5	Risk Statement No	22-36/37/38	
6	Safety Statement No	26-37/39	
7	UN No.		

#### PACKING DETAILS

	Product code	Pack size
1	A02607	100 g
2	A02611	1.0 Kg

#### PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystals or crystalline powder.
2	Clarity	10 % solution in water is clear and colourless.
3	Assay	Not less than 98.5%
4	Arsenate, Phosphate & Silicate (as PO <sub>4</sub> )	Not more than 0.02%
5	Sulphate (SO <sub>4</sub> )	Not more than 0.01%
6	Copper (Cu)	Not more than 0.001%
7	Heavy metals (as Pb)	Not more than 0.03%
8	Iron (Fe)	Not more than 0.002%

#### SAFETY SYMBOLS