

Department: Quality Control	Document No: LCPL/QSD/QAD/11	SOP No.: DB/SOP/QC/11-A055
------------------------------------	-------------------------------------	-----------------------------------

SPECIFICATION : AMMONIUM MOLYBDATE TETRAHYDRATE AR

Issue date	15/05/2018	Review date	14/05/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	(NH ₄) ₆ Mo ₇ O ₂₄ ·4H ₂ O	
2	Product code	A055	(NH ₄) ₆ Mo ₇ O ₂₄ • 4H ₂ 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	A05507	100 g
2	A05511	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 99.0%
4	Water insoluble matter	Not more than 0.005%
5	Chloride (Cl)	Not more than 0.0005%
6	Nitrate (NO ₃)	Not more than 0.002%
7	Arsenate, Phosphate & Silicate (as PO ₄)	Not more than 0.0005%
8	Sulphate (SO ₄)	Not more than 0.005%
9	Copper (Cu)	Not more than 0.001%
10	Heavy metals (as Pb)	Not more than 0.015%
11	Iron (Fe)	Not more than 0.001%

SAFETY SYMBOLS