

Department: Quality Control	Document No: LCPL/QSD/QAD/11	SOP No.: DB/SOP/QC/11-A040			
SPECIFICATION : ALUMINIUM POTASSIUM SULPHATE LR					
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	AlK(SO ₄) ₂ ·12H ₂ O	
2	Product code	A040	AlK(SO ₄) ₂ • 12H ₂ O
3	Molecular weight	474.39	
4	CAS No	7784-24-9	
5	Risk Statement No	22-36/38	
6	Safety Statement No	26-37/39	
7	UN No.	---	

PACKING DETAILS

	Product code	Pack size
1	A04010	500 g
2	A04013	5Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Colourless crystals or crystalline powder
2	Clarity	Solution of 5 g in 50 mL of water is clear and colourless
3	pH (5% aqueous solution)	Between 2.0 and 3.5
4	Assay	Between 99.0 and 100.2%
5	Chloride (Cl)	Not more than 0.01%
6	Ammonium (NH ₄)	Not more than 0.05%
7	Heavy metals (as Pb)	Not more than 0.01%
8	Iron (Fe)	Not more than 0.01%

SAFETY SYMBOLS