

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Aluminium Potassium Sulphate Dodecahydrate 99 % AR

Catalog Number : O-5012

Batch Number : 5012-00000000

CAS Number : 7784-24-9

Molecular Weight : $AlK(SO_4)_2 \cdot 12H_2O$

MoL. Formula : $AlK(SO_4)_2 \cdot 12H_2O$

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	White crystalline powder	white crystalline powder
2	Assay (Complexometric)	99.0 - 100.5 %	99.56%
3	Identification	to comply USP, BP test	complies
4	Appearance of solution	passes test	Passes
5	Insoluble matter	max 0.005 %	0.0022%
6	pH (10% solution in water)	3.0 - 3.5	3.22
7	Chloride (Cl)	max 0.0005 %	0.00022%
8	Ammonium (NH ₄)	max 0.005 %	0.00032%
9	Arsenic (As)	max 0.0002 %	0.000042%
10	Copper (Cu)	max 0.0005 %	0.0002%
11	Iron (Fe)	max 0.0005 %	0.00018%
12	Heavy metal (as Pb)	max 0.001 %	0.00025%
13	Sodium (Na)	max 0.02 %	0.002%
14	Loss on drying (at 400 °C)	43 - 46 %	44.16%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
 Manager QC