

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Potassium Sulphate 99 % AR

Catalog Number : O-5162

Batch Number : 5162-00000000

CAS Number : 7778-80-5

Molecular Weight : 174.27 g/mol

Mol. Formula : K_2SO_4

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	white crystal or crystalline powder	white crystalline powder
2	Assay (acidimetric)	99.0 - 101.0 %	99.785%
3	pH (5% solution in water)	5.5 - 8.5	6.44
4	Insoluble matter (6.67% in water)	max 0.01 %	0.0032%
5	Total nitrogen (N)	max 0.0005 %	0.00018%
6	Chloride (Cl)	max 0.001 %	< 0.001%
7	Heavy metal (as Pb)	max 0.0005 %	0.00016%
8	Iron (Fe)	max 0.0005 %	0.00012%
9	Magnesium (Mg)	max 0.002%	0.0009%
10	Calcium (Ca)	max 0.01 %	0.0023%
11	Sodium (Na)	max 0.02 %	0.006%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.
Manager QC