

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Potassium Sulphate 98.5 % Extrapure

Catalog Number : O-5161

Batch Number : 5161-00000000

CAS Number : 7778-80-5

Molecular Weight : 174.27 g/mol

Mol. Formula : K_2SO_4

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	white crystalline powder	white crystalline powder
2	Assay (acidimetric)	98.5 - 101.0 %	100.033%
3	pH (5% solution)	5.5 - 8.5	6.24
4	Identity	passes test	psses test
5	Appearance of solution	passes test	psses test
6	Acidity or alkalinity	passes test	psses test
7	Chloride (Cl)	max 0.004 %	< 0.004%
8	Heavy metal (as Pb)	max 0.002 %	0.00042%
9	Iron (Fe)	max 0.001 %	0.00052%
10	Magnesium (Mg)	max 0.002%	0.00016%
11	Calcium (Ca)	max 0.02 %	0.0045%
12	Sodium (Na)	max 0.1 %	0.056%
13	Loss on drying (at 105 °C)	max 1.0 %	0.36%

Corresponds to Extrapure Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIROS S.Si.
Manager QC