

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Potassium Phosphate Monobasic Anhydrous AR

Catalog Number : O-5158

Batch Number : 5158-00000000

CAS Number : 7778-77-0

Molecular Weight : 136.09 g/mol

MoI. Formula : KH_2PO_4

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (acidimetric on dried subs.)	min 99.5 %	100.125%
3	Solubility (10% soln in water)	Clear and colourless	complies
4	pH (5% soln in water at 25 °C)	4.1 - 4.5	4.49
5	Insoluble matter in water	max 0.01 %	0.0021%
6	Chloride (Cl)	max 0.001 %	0.0004%
7	Nitrate (NO_3)	max 0.001 %	0.00036%
8	Sulphate (SO_4)	max 0.005 %	0.0021%
9	Iron (Fe)	max 0.001 %	0.00047%
10	Heavy metals (as Pb)	max 0.001 %	0.00041%
11	Sodium (Na)	max 0.005 %	0.0021%
12	Loss on drying (105 °C,2 hrs)	max 0.2 %	0.194%

Corresponds to ACS/AR Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.
Manager QC