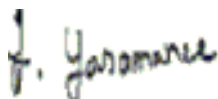


Certificate of Analysis

Product Name : Potassium phosphate dibasic ACS reagent, ≥98%
Product Number : P3786-100G
Batch Number : 0000432915
Source Batch : 0000407984
CAS Number : 7758-11-4
MDL Number : MFCD00011383
Molecular Formula : HK₂O₄P
Formula Weight : 174.18 g/mol
Recommended Retest Date : Jan 2029
Quality Release Date : 10 Jan 2025

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Insoluble Matter	≤ 0.01 %	0.00 %
Loss on Drying at 105 deg C	≤ 1.0 %	0.7 %
Chloride Content	≤ 0.003 %	< 0.003 %
Nitrogen Compounds (as N)	≤ 0.001 %	< 0.001 %
Iron (Fe)	≤ 0.001 %	< 0.001 %
Sodium (Na)	≤ 0.05 %	0.03 %
Sulfate (SO ₄)	≤ 0.005 %	< 0.005 %
Heavy Metals (by ICP-OES)	≤ 5 ppm	< 5 ppm
pH (c = 5% at 25 deg C)	8.5 - 9.6	9.1
Assay	≥ 98.0 %	99.4 %



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1216330

Page 1 of 2



Product P3786-100G
Batch 0000432915

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1216330

Page 2 of 2

