

PRODUCT SPECIFICATION SHEET
Potassium Phosphate Dibasic Anhydrous, ACS Grade
Product Specification

Test	Specification	Typical Results
Appearance	White powder	White powder
Identification	To pass test	Passes test
Assay (K ₂ HPO ₄)	Min. 98.0 %	99.13 %
pH of a 5% solution @ 25°C	8.5 – 9.6	9.26
Insoluble matter	Max. 0.01 %	0.003 %
Loss on drying (105°C)	Max. 1.0 %	0.16 %
Chloride (Cl)	Max. 0.003 %	< 0.003 %
Nitrogen compounds (as N)	Max. 0.001 %	< 0.001 %
Sulfate (SO ₄)	Max. 0.005 %	< 0.005 %
Heavy metals (by ICP-OES)	Max. 5 ppm	< 5 ppm
Iron (Fe)	Max. 0.001 %	< 0.001 %
Sodium (Na)	Max. 0.05 %	0.02 %

Appropriate/legal use of this product is the responsibility of the user.

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Phone: 512-668-9918, Fax: 512-886-4008, E-mail: Customerservice@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
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