



Version	00
Molecular weight	228.23
Quality Test / Release Date	03/06/2020
Molecular Formula	H K ₂ O ₄ P . 3 H ₂ O
CAS No	16788-57-1
Linear Formula	K ₂ HPO ₄ ·3H ₂ O
Flash Point (°C)	

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	44773	Quality Test / Release Date 03/06/2020
Lot Number	A0417423	
Description	Potassium phosphate, dibasic, trihydrate, extra pure	
Country of Origin	SPAIN	
Declaration of Origin	synthetic	

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystals	Crystals
Titration with HClO ₄		≥98.5 %	99.6 %
pH		8.5 to 9.6 (5 % solution)	9.2 (5 % solution)
Heavy metals (as Pb)		≤10 ppm	≤2 ppm
Nitrogen compounds		≤0.001 %	≤0.001 %
Chloride (Cl)		≤50 ppm	≤2 ppm
Arsenic (As)		≤1 ppm	≤0.5 ppm
Sulfate (SO ₄)		≤100 ppm	≤30 ppm
Iron (Fe)		≤30 ppm	≤2 ppm
Sodium (Na)		≤0.1 %	0.06 %



A handwritten signature in black ink, which appears to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 03-09-2020

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