



Version	00
Molecular weight	228.23
Quality Test / Release Date	11/06/2018
Molecular Formula	H K <sub>2</sub> O <sub>4</sub> P . 3 H <sub>2</sub> O
CAS No	16788-57-1
Linear Formula	K <sub>2</sub> HPO <sub>4</sub> ·3H <sub>2</sub> O
Flash Point (°C)	

## Certificate of Analysis

This is to certify that units of the above mentioned lot number 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. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

<b>Catalog Number</b>	44773	<b>Quality Test / Release Date</b> 11/06/2018
<b>Lot Number</b>	A0402328	
<b>Description</b>	Potassium phosphate, dibasic, trihydrate, extra pure	
<b>Country of Origin</b>	SPAIN	
<b>Declaration of Origin</b>	synthetic	

<b>BSE/TSE comment</b>	
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<b>Chemical Comment</b>	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystals	Crystals
Titration with HClO <sub>4</sub>		≥98.5 %	100.1 %
pH		8.5 to 9.6 (5 % solution)	9.3 (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	≤1 ppm
Sulfate (SO <sub>4</sub> )		≤100 ppm	≤30 ppm
Iron (Fe)		≤30 ppm	≤2 ppm
Sodium (Na)		≤0.1 %	0.04 %



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

L. Van den Broek, QA Manager

Issued: 11-07-2018

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