



Version	00
Molecular weight	115.03
Quality Test / Release Date	06/12/2019
Molecular Formula	H6 N O4 P
CAS No	7722-76-1
Linear Formula	NH4H2PO4
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	42338	Quality Test / Release Date 06/12/2019
Lot Number	A0409101	
Description	Ammonium dihydrogen phosphate, 98+%, ACS reagent	
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)		Crystalline solid	Crystals
Titration with NaOH		$\geq 98.0\%$	99.6 %
Heavy metals (as Pb)		≤ 5 ppm	≤ 2 ppm
pH		3.8 to 4.4 (5 % at 25.0°C)	4.3 (5 % at 25.0°C)
Insoluble matter		$\leq 0.005\%$	$\leq 0.005\%$
Chloride (Cl)		≤ 5 ppm	≤ 0.2 ppm
Nitrate (NO3)		$\leq 0.001\%$	$\leq 0.001\%$
Sulfate (SO4)		$\leq 0.01\%$	$\leq 0.001\%$
Iron (Fe)		$\leq 0.001\%$	$\leq 0.0002\%$
Potassium (K)		$\leq 0.005\%$	$\leq 0.0005\%$
Sodium (Na)		$\leq 0.005\%$	0.001 %
Calcium (Ca)		$\leq 0.001\%$	$\leq 0.0005\%$
Magnesium (Mg)		$\leq 0.0005\%$	$\leq 0.0001\%$



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

L. Van den Broek, QA Manager

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