



Version	00
Molecular weight	115.03
Molecular Formula	H6 N O4 P
CAS No	7722-76-1
Linear Formula	NH4H2PO4
Flash Point (°C)	

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	42338	Quality Test / Release Date	10/05/2023
Lot Number	A0456790	Suggested retest date	10/05/2028
Description	Ammonium dihydrogen phosphate,98+%,ACS reagent		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline solid	Crystalline solid
Titration with NaOH	≥ 98.0 %	99.2 %
Heavy metals (as Pb)	≤ 5 ppm	≤ 5 ppm
pH	3.8 to 4.4 (5 % at 25.0°C)	4.3 (5 % at 25.0°C)
Insoluble matter	≤ 0.005 %	≤ 0.005 %
Chloride (Cl)	≤ 5 ppm	≤ 5 ppm
Nitrate (NO ₃)	≤ 0.001 %	≤ 0.001 %
Sulfate (SO ₄)	≤ 0.01 %	≤ 0.01 %
Iron (Fe)	≤ 0.001 %	≤ 0.001 %
Potassium (K)	≤ 0.005 %	≤ 0.001 %
Sodium (Na)	≤ 0.005 %	0.003 %
Calcium (Ca)	≤ 0.001 %	0.001 %
Magnesium (Mg)	≤ 0.0005 %	0.0003 %

C. Wygaerts, QA Manager

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