

Mono Ammonium Phosphate

SPECIFICATION

Specification No.	VCPL/SPEC/QC/11/01
Grade	Pure
Molecular formula	NH ₄ H ₂ PO ₄
Molecular weight	115.03
CAS No.	7722-76-1
Also known as	Ammonium phosphate monobasic, Ammonium dihydrogen phosphate

Appearance	Visual	A white crystalline powder
Solubility (5% solution)	% w/v	Clear solution
pH of 5% solution	% w/v	4.0 – 5.0
Assay on dried basis	% w/w	Min. 98.0%
Phosphate (as P ₂ O ₅)	% w/w	Min. 61.0%
Nitrogen (as N)	% w/w	Min. 12.0%
Moisture	% w/w	Max. 1 %
Sulphate (as SO ₄)	% w/w	Max. 0.005 %
Iron (as Fe)	% w/w	Max. 0.003 %

***Storage:-** Store under the roof in well closed bags/container. Do not expose to direct sunlight.

Note:- This paper is digitally signed.

