

Di Ammonium Phosphate

SPECIFICATION

Specification No.	VCPL/SPEC/QC/DAP/13/01
Grade	Pure
Molecular formula	$(\text{NH}_4)_2\text{HPO}_4$
Molecular weight	132.06
CAS No.	7783-28-0
Also known as	Ammonium phosphate dibasic, Di ammonium hydrogen phosphate

Appearance	Visual observation	An white crystalline powder
Solubility 5% solution	% w/v	Clear & colourless solution
pH of 5% solution	% w/v	7.3 – 8.7
Phosphate (as P ₂ O ₅)	% w/w	Min. 52.0 %
Assay (on dried basis)	% w/w	Min. 99.0 %
Sulphate (as SO ₄)	% w/w	Max. 0.01%
Chloride (as Cl)	% w/w	Max. 0.01%
Iron (as Fe)	% w/w	Max. 0.002%

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

Note:- This paper is digitally signed.

