

255– AMMONIUM DIHYDROGEN ORTHOPHOSPHATE, EXTRA PURE

Ref No: TBL/QA/SS/LC/255	STANDARD SPECIFICATION FOR AMMONIUM DIHYDROGEN ORTHOPHOSPHATE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 01/11/2024
Issue Date: 02/11/2021		Product code: 255

PRODUCT PROPERTIES

C.A.S Number	7722-76-1
Chemical Formula	$NH_4H_2PO_4$
Formula weight	115.03
Functional Uses	Employed in the synthesis of the first example of a mixed-valence ammonium iron phosphate, $NH_4Fe_2(PO_4)_2$.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphate (SO ₄)	NMT – 0.005%
Chloride (Cl)	NMT – 0.005%
Iron (Fe)	NMT – 0.005%
Assay	96.0 – 102.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

