

576 – AMMONIUM (+) TARTRATE, AR GRADE

Ref No: TBL/QA/SS/LC/576	STANDARD SPECIFICATION FOR AMMONIUM (+) TARTRATE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 576

PRODUCT PROPERTIES

C.A.S Number	7783-20-2
Chemical Formula	C ₄ H ₁₂ N ₂ O ₆
Formula weight	184.15
Functional Uses	Used as Laboratory reagent and Ammonium tartrate dibasic can be used to study biochemicals and reagents, biological buffers, chelators, protein structural analysis, proteomics and X-ray crystallography. Ammonium tartrate dibasic has been used in a study to research the crystal optimization and preliminary diffraction data analysis of the Smad1 MH1 domain bound to a palindromic SBE DNA element.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	A white crystal powder
Solubility	Soluble in water

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH 5% solution	6.5-7.0
Sulphate (SO ₄)	NMT-0.005%
Chloride (Cl)	NMT-0.001%
Lead (Pb)	NMT-0.0001%
Iron (Fe)	NMT-0.0002%

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

