

753 – ALUMINIUM POTASSIUM SULPHATE, EXTRA PURE

Ref No: TBL/QA/SS/LC/753	STANDARD SPECIFICATION FOR ALUMINIUM POTASSIUM SULPHATE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 753

PRODUCT PROPERTIES

C.A.S Number	7784-24-9
Chemical Formula	$\text{AlK}_2\text{O}_8\text{S}_{12} \cdot 12\text{H}_2\text{O}$
Formula weight	474.39
Functional Uses	Aluminum potassium sulfate dodecahydrate has been used: - to prepare Mayer's hematoxylin solution for staining of lung sections and tibialis anterior muscle sections - to sensitize experimental mice and establish the allergic rhinitis (AR) mouse model - to stain mammary glands for its whole-mount analysis.
Standard Packaging	500 gm, 5 Kg & 50Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to colorless crystals.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (10% Soln. at 25°C)	3.0 – 4.0
Chloride (Cl)	NMT - 0.0005%
Ammonia (NH ₄)	NMT-0.005%
Iron (Fe)	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

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

