

230 –ALUMINIUM POTASSIUM SULPHATE (POTASH-ALUM), AR GARDE

REF NO: TBL/QA/SS/LC/230	STANDARD SPECIFICATION FOR ALUMINIUM POTASSIUM SULPHATE (Potash-Alum), AR GARDE	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 230

PRODUCT PROPERTIES

C.A.S Number	7784-24-9
Chemical Formula	$\text{AlK}_2\text{O}_8 \cdot 12\text{H}_2\text{O}$
Formula weight	774.39
Functional Uses	Aluminum potassium sulfate dodecahydrate has been used to prepare Mayer's hematoxylin solution for staining of lung sections, tibia is 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	500gm., 5 Kg & 50 Kg

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.

