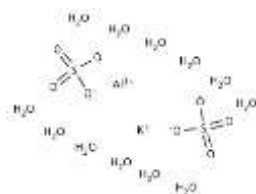


TIQ-F-QC-003  
 Rev.00

## Technical Data Sheet

### ALUMINIUM POTASSIUM SULPHATE DODECAHYDRATE 99 % AR

Potassium aluminium sulfate, Alum potassium, potassium alum



<b>Product Code</b>	O-5012	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	99%	<b>CAS No</b>	7784-24-9
<b>Molecular Formula</b>	AlK(SO <sub>4</sub> ) <sub>2</sub> .12H <sub>2</sub> O	<b>Molecular Weight</b>	474.39 g/mol
<b>H.S.Code</b>	2833.3000	<b>Shelf Life</b>	60 Months

## Physical Properties

<b>Physical state</b>	Solid	<b>Melting point</b>	92°C
<b>pH</b>	3,3 at 94,88 g/l	<b>Density</b>	1,757 g/mL at 25 °C

## Packaging

500 gram

## Specification

Appearance	White crystalline powder
Assay ( Complexometric )	99.0 - 100.5 %
Identification	to comply USP, BP test
Appearance of solution	passes test
Insoluble matter	max 0.005 %
pH (10% solution in water)	3.0 - 3.5
Chloride (Cl)	max 0.0005 %
Ammonium (NH <sub>4</sub> )	max 0.005 %
Arsenic (As)	max 0.0002 %
Copper (Cu)	max 0.0005 %
Iron (Fe)	max 0.0005 %
Heavy metal (as Pb)	max 0.001 %
Sodium (Na)	max 0.02 %
Loss on drying (at 400 °C)	43 - 46 %

## Safety Information and Hazard Symbols

NO GHS

Symbol: not available

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available

Labotiq