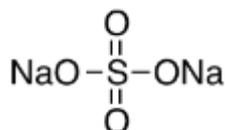


TIQ-F-QC-003  
 Rev.00

## Technical Data Sheet

# SODIUM SULPHATE ANHYDROUS 99% AR

Disodium sulfate; Sulfuric acid, disodium salt



<b>Product Code</b>	O-5202	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	99 %	<b>CAS No</b>	7757-82-6
<b>Molecular Formula</b>	Na <sub>2</sub> SO <sub>4</sub>	<b>Molecular Weight</b>	142.04 g/mol
<b>H.S.Code</b>	2833.1100	<b>Shelf Life</b>	60 Months

## Physical Properties

<b>Physical state</b>	Granular	<b>Melting point</b>	884 °C
<b>Colour</b>	White	<b>Density</b>	2,68 g/mL at 25 °C
<b>pH</b>	5,2 - 8,0 at 50 g/l at 20 °C	<b>Auto-ignition temperature</b>	> 400 °C
<b>Decomposition temperature</b>	> 890 °C	<b>Solubility in water</b>	445,5 g/l at 20 °C

## Packaging

500 g

## Specification

Appearance	white crystalline powder
Assay (Titration after ion exchange)	99.0 %
Insoluble matter	max 0.01 %
pH (5% solution in water)	5.2 – 9.2
Chloride (Cl)	max 0.001 %
Phosphate (PO <sub>4</sub> )	max 0.001 %
Nitrogen compound (as N)	max 0.0005 %
Heavy metals (as Pb)	max 0.0005 %
Iron (Fe)	max 0.001 %
Calcium (Ca)	max 0.01 %
Potassium (K)	max 0.005 %
Magnesium (Mg)	max 0.005 %
Loss on drying at 105°C	max 1.0 %

## 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