



Product Specification

Product Name: AMMONIUM SULFATE AR

Alternate Name(s) Ammonium sesquicarbonate

Description

White crystalline powder

Properties

Chemical Formula:

Molecular Weight: 132.14

Product Code: AA014

CAS No. 7783-20-2

General Information:

Soluble in water; insoluble in alcohol and acetone.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH16

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

pH of 5% solution @ 25°C	5.0 - 6.0
Insoluble matter	≤ 0.005%
Residue after ignition	≤ 0.005%
Chloride (Cl)	≤ 0.0005%
Nitrate (NO ₃)	≤ 0.001%
Phosphate (PO ₄)	≤ 0.0005%
Heavy metals (as Pb)	≤ 0.0005%
Iron (Fe)	≤ 0.0005%

CONFORMS TO ACS

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