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## Ammonium sulphate, Hi-AR<sup>TM</sup>/ACS

**GRM3893**

### Product Identifier

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CAS No.	:	7783-20-2
EC No.	:	231-984-1
Molecular Formula	:	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>
Molecular Weight	:	132.14
HS Code	:	3102 21 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	Colourless to white hygroscopic crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	5.00 - 6.00
Chloride (Cl)	:	<= 0.0005%
Heavy metals (as Pb)	:	<= 0.0005%
Insoluble matter	:	<= 0.005%
Iron (Fe)	:	<= 0.0005%
Nitrate (NO <sub>3</sub> )	:	<= 0.001%
Phosphate (PO <sub>4</sub> )	:	<= 0.0005%
Residue after ignition	:	<= 0.005%
Assay (NaOH-back Titration)	:	99.00 - 102.00%

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	BS4500000
WGK	:	1