

## Description:

Ammonium sulfate has been used in the preparation of 'Blue Silver' colloidal Coomassie stain for proteins. Ammonium sulfate may be used for the precipitation or fractionation of proteins or for purification of antibodies. It is also useful for crystallographic analysis of nucleic acids and proteins. (Molecular Biology Grade)

<b>State of matter</b>	<b>Solid</b>
Solubility (20°C)	760 g/L (H <sub>2</sub> O)
Melting point	280°C (dec.)
Formula	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>
M	132.14 g/mol
CAS-No.:	7783-20-2
HS-No.:	31022100
EC-No.:	231-984-1
Storage:	RT
LGK:	10 - 13
Disposal:	14
WGK:	1

## Specification

DNases/RNases/Proteases	not detectable
Assay (titr.)	min. 99.5 %
pH (5 %; H <sub>2</sub> O; 20°C)	5.0 - 6.0
Chloride	max. 0.001 %
Nitrate	max. 0.001 %
Phosphate	max. 0.0005 %
As	max. 0.0001 %
Ca	max. 0.001 %
Cu	max. 0.0005 %
Fe	max. 0.0005 %
K	max. 0.002 %
Mg	max. 0.0005 %
Na	max. 0.002 %
Pb	max. 0.0005 %
Zn	max. 0.0002 %

## Order Information

Prod. No.	Description	Quantity
CE9105	Ammonium sulfate	250 g
CE9106	Ammonium sulfate	1000 g
CE9107	Ammonium sulfate	5000 g