

Specification

**Ammonium Sulfate *BioChemica***

**A1032**

<b>Solubility:</b>	760 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A1032
<b>Product Name:</b>	Ammonium Sulfate <i>BioChemica</i>
<b>Specifications:</b>	Assay (titr.): min. 99.5 % pH (5 %; H <sub>2</sub> O; 20°C): 5.0 - 6.0 Heavy metals (as Pb): max. 0.001 % Insoluble matter: passes test Chloride: max. 0.001 % Nitrate: max. 0.001 % Phosphate: max. 0.0005 % A (1 cm/1 M in H <sub>2</sub> O) 280 nm: max. 0.4 260 nm: max. 0.4
<b>WGK:</b>	1
<b>Storage:</b>	RT
<b>Molecular Formula:</b>	(NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>
<b>M:</b>	132.14 g/mol
<b>CAS:</b>	7783-20-2
<b>EINECS:</b>	231-984-1
<b>CS:</b>	31022100
<b>Comment</b>	Ammonium sulfate is used for the selective precipitation of proteins. This reference discusses the advantages of this method.

**AppliChem GmbH**

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### **Bibliography**

(1) Wood, W.I. (1976) *Anal. Biochem.* **73**, 250-257 Tables for the preparation of ammonium sulfate solutions.