

## 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>	<p>Assay (titr.): min. 99.5 %</p> <p>pH (5 %; H<sub>2</sub>O; 20°C): 5.0 - 6.0</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Insoluble matter: passes test</p> <p>Chloride: max. 0.001 %</p> <p>Nitrate: max. 0.001 %</p> <p>Phosphate: max. 0.0005 %</p> <p>A (1 cm/1 M in H<sub>2</sub>O)</p> <p>260 nm: max. 0.4</p> <p>280 nm: max. 0.4</p>
<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>	<p>Ammonium sulfate is used for the selective precipitation of proteins. This reference discusses the advantages of this method.</p>

#### AppliChem GmbH

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 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

### **Bibliography**

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