Product Information

**Product Number** | **Packing**
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PCT0003 | 1KG
PCT0003 | 25KG
PCT0003 | 500G
PCT0003 | 5KG

**Product Information**

- **Product Code**: PCT0003
- **Product Name**: Ammonium sulphate
- **Molecular Formula**: \((NH_4)_2SO_4\)
- **Molecular Weight**: 132.14
- **CAS No.**: 7783-20-2
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White crystalline powder
- **Solubility**: Soluble in water
- **Reaction**: Reaction of 5% w/v aqueous solution at 25°C.
- **pH**: min. 5.00 max. 6.00
- **Cultural response**: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
- **Shoot culture**: No structural deformity observed, actively growing shoots, no toxicity to shoots
- **Callus culture**: No necrotic tissues, actively growing callus, no toxicity to callus
- **Chloride (Cl)**: <= 0.0005%
- **Heavy metals (as Pb)**: <=0.0005%
- **Arsenic (As)**: <= 0.000002%
- **Iron (Fe)**: <=0.0005%
- **Insoluble matter**: <= 0.005%
- **Nitrate (NO_3)**: <= 0.001%
- **Selenium**: <= 0.003%
- **Phosphate (PO_4)**: <= 0.0005%
- **Residue after ignition**: <= 0.005%
- **Assay**: min. 99.00 %

**Risk and Safety Information**

- **Storage Temperature(°C)**: Store below 30°C

**Transport Information**

- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods

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A-516, Swastik Disha Business Park, Via Vadhani Indl. Est., LBS Marg, Mumbai-400 086, India. Phone:+91-022-6147 1919
Fax:+91-022-6147 1920  Gram : STERILITY. email : info@himedialabs.com. Visit us at our website: www.himedialabs.com

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