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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 35392 |
| Lot Number | 000878-4174294 |
| Product | Ammonium sulfate |
| CAS Number | 7783-20-2 |
| Molecular Formula | (NH ₄) ₂ SO ₄ |
| Molecular Weight | 132.14 |

| | |
|-------------------------------|--|
| Appearance | White crystalline compound |
| Solubility | Colorless solution (50% aq. solution) |
| Solubility (Turbidity) | Clear solution (50% aq. solution) |
| Anion | Chloride (Cl) : < 0.0005% Nitrate (NO ₃) : < 0.001% |
| Cation | Iron (Fe) : < 0.0001% Arsenic (As) : < 0.00002% |
| pH | 5.6 |
| UV Ratios | Absorbance (A) of 1 M aq. solution in a 1 cm cell v/s H ₂ O : At 260 nm : 0.016 At 280 nm : 0.014 |
| Loss on Drying | 0.1% |
| RNase, DNase, Protease | Not detected |
| Sulfated Ash | 0.006% |
| Assay by titration | 99.8% |
| Grade | Molecular biology reagent grade |
| Storage | Store at RT |
| Remarks | See material safety data sheet for additional information For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager