



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **Mercuric Nitrate**

Synonym : Mercuric nitrate monohydrate  
Molecular Formula :  $\text{Hg}(\text{NO}_3)_2 \cdot \text{H}_2\text{O}$   
Molecular Weight : 342.62  
CAS No. : 7783-34-8  
Shelf Life : 5 years

#### **Technical Specification**

|   |                          |
|---|--------------------------|
| Appearance (Color)                              | White to Off-White       |
| Appearance (Form)                               | Conforms to Requirements |
| Pow der, Crystals, Solid and/or Chunks          |                          |
| Titration by KSCN (% Hg)                        | $\geq 57.4 \%$           |
| ICP: Confirms Mercury Componen                  | Confirmed                |
| Trace Metal Analysis                            | $\leq 100.0$ ppm         |
| Purity  | Meets Requirements       |
| $\phi = 99.99\%$ Based On Trace Metals Analysis |                          |
| Residue on Reduction                            | $\leq 0.01 \%$           |
| Chloride Content                                | $\leq 0.002 \%$          |
| Iron (Fe)                                       | $\leq 0.001 \%$          |
| Sulfate (SO <sub>4</sub> )                      | $\leq 0.002 \%$          |