



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Phenylmercuric nitrate**

Molecular Formula :  $C_{12}H_{11}Hg_2NO_4$   
Molecular Weight : 634.40  
CAS No. : 8003-05-2  
Shelf Life : 5years

#### **Technical Specification**

Appearance : Colourless or white to pale yellow crystals or powder or needles or plates  
Solubility : 10 mg soluble in 1 mL of dilute nitric acid  
FTIR (KBr disc) : Matches with the standard pattern  
Assay (Hg,  $NH_4SCN$  Titration) : 62.50 - 64.00%  
Assay ( $NH_4SCN$  Titration) : 98.00 - 103.00%