



## UNISOURCE CHEMICALS PRIVATE LIMITED

Factory : L-15 MIDC TARAPUR, BOISAR - 401506 DIST. Palghar,INDIA.  
Tel.: ++91-22-22019990 ; 2205 2250; E-mail: unisourceindia@gmail.com; Web: www.ucplchem.com  
AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **Bismuth subnitrate**

Synonym	: Bismuth(III) nitrate basic; Bismuth(III) oxynitrate; Bismuthyl nitrate
Molecular Formula	: $\text{Bi}_5\text{O}(\text{OH})_9(\text{NO}_3)_4$
Molecular Weight	: 1461.99
CAS No.	: 1304-85-4
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: White to yellow slightly hygroscopic crystals or powder
Solubility	: 33.3 mg soluble
in 1 mL of dilute nitric acid	
Loss on drying (at 105°C, 2 hrs)	: $\leq 3.00\%$
Assay (Bi by EDTA Titration)	: 71.00 - 74.00%