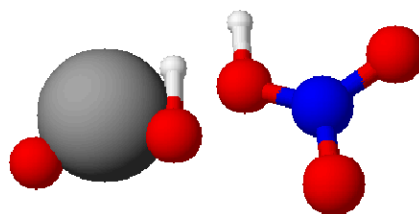


**B0240NN Gold Line****Typical analysis**

Assay (Complexometric)	79 - 82%
Ammonium (NH <sub>4</sub> )	0.01%
Arsenic (As)	0.0008%
Chloride (Cl)	0.035%
Copper (Cu)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.002%
Loss on drying (105°C)	3%
Nickel (Ni)	0.001%
Sulphate (SO <sub>4</sub> )	0.03%
Zinc (Zn)	0.02%

**Packaging**

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	4BiNO <sub>3</sub> (OH) <sub>2</sub> ·BiO(OH)
Synonym	Bismuth III nitrate basic; Bismuth hydroxide nitrate oxide; Bismuthyl nitrate; Bismuth subnitrate; Bismuth subnitricum; Bismuth white
Chemical group	Oxides
Atomic weight	1462
Appearance	Microcrystalline powder
Solubility	Soluble in dilute hydrochloric acid and nitric acid
Melting point	260°C (Decomposes)
Incompatible substances	Alkaline bicarbonates, Calomel, Gallic acid, Salicylic acid, Soluble iodides, Sulphur and Tannin
Other information	Sensitive to light
Hazardous material	Oxidiser
Density (g/ml)	4.928

**Laboratory preparation, applications and practices**

Laboratory preparation	Partial hydrolysis of bismuth nitrate
Usage	Analytical reagent for detection of glucose in urine

**Storage and handling information**

Storage	Keep container tightly closed, protected from light and separated from incompatible substances
Disposal methods	15

**Transport regulations**

Tariff code	2834.22.00
Hazardous class	5.1
Packing group	II
UN number	1477
ERG number	140
ECB number	215-136-8

