

# Bismuth(III) nitrate basic

(Bismuth subnitrate)

Laboratory USP Reagent

**Bi5H9N4O22**

**M = 1461.99 g/mol**

## Specification

Assay	≥	79.0	%
Description		Conforms	
Identification		Conforms	
Solubility		Conforms	
Carbonate		Conforms	
Chloride	≤	0.035	%
Sulphate		Conforms	
Ammonium salts		Conforms	
Copper		Conforms	
Lead		Conforms	
Silver		Conforms	
Limit of alkalies & alkaline earths	≤	0.5	%
Heavy methals	≤	0.0005	%
Loss on drying	≤	3.0	%

Glass Bottles	
5	gr
10	gr
25	gr

Plastic Container	
100	gr
500	gr
800	gr

Plastic Container	
1	kg
5	kg
10	kg

**Product Code: 1.2960.**

## Technical Information

Formula	Bi5H9N4O22
Chemical formula	Bi5H9N4O22
Density	4.93g/cm3
Molar mass	1461.99 g/mol
Bulk density	~ 600 kg/m3
CAS number	1304-85-4
HS Code	28342980
EC number	215-136-8
Storage	Without limitation
SDS	available
RTECS	EB2977000
Odour	odourless
Form	solid
Color	colourless
p H value	~ 3.2 (50g/l 20°C)
Solubility in water	almost insoluble (20°C)
Solubility in ethanol	almost insoluble (20°C)
Vapour pressure	low
Thermal decomposition	260 °C

