

BISMUTH SUBNITRATE / EUROPEAN PH.

OCB CODE: 0200

SYNONYMS:

Bismuth Hydroxide Nitrate Oxide; Bismuth Nitrate, Basic; Bismuth Oxynitrate; Bismuto Subnitricum; Bismuthyl Nitrate; Bismuth White; Magistery of Bismuth; Novismuth; Paint White; Spanish White.

FORMULA:

$4[\text{BiNO}_3(\text{OH})_2] \cdot \text{BiO}(\text{OH})$

MOLECULAR WEIGHT:

1462

Determinations	Specifications	Typical
Appearance	White or almost white powder	Conform
Solubility	Practically insoluble in water and in alcohol 96%. It dissolves in mineral acids with decomposition.	Conform
Identification	A. TestA B. Bismuth C. Nitrates D. $\text{pH} \leq 2.0$	Pass test Pass test Pass test 0.9
Acidity	Test	Pass test
Chlorider	≤ 200 ppm	≤ 200 ppm
Non precipitated Substances in ammonia	$\leq 1.0\%$	0.2%
Loss on drying	$\leq 3.0\%$	2.0%
Bismuth content (odb)	71.0-74.0%	72.5%

PACKAGE :

25 Kg. kraft drums (Further package options are available upon request)

OCB Pharmaceutical S.R.L.

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BISMUTH SUBNITRATE / USP

OCB CODE: 0200

SYNONYMS:

Bismuth Hydroxide Nitrate Oxide; Bismuth Nitrate, Basic; Bismuth Oxynitrate; Bismuto Subnitricum; Bismuthyl Nitrate; Bismuth White; Magistery of Bismuth; Novismuth; Paint White; Spanish White.

FORMULA:

$\text{Bi}_5\text{O}(\text{OH})_9(\text{NO}_3)_4$

MOLECULAR WEIGHT:

1461.99

Determinations	Specifications	Typical
Appearance	White, slightly hygroscopic powder	Conform
Solubility	Practically insoluble in water and in alcohol; readily dissolved by hydrochloric acid or by nitric acid	Conform
Identification	A. Bismuth B. Nitrate	Pass test Pass test
Oxide Bismuth Content odb	$\geq 79.0\%$	80.7%
Loss on drying	$\leq 3.0\%$	2.0%
Carbonate	Test	Pass test
Chloride	≤ 350 ppm	≤ 350 ppm
Sulphate	Test	Pass test
Arsenic	≤ 8 ppm	≤ 8 ppm
Ammonium salts	Test	Pass test
Alkali and alkaline earth	$\leq 0.5\%$	0.2%
Residual Solvents	No solvents used	No solvents used

PACKAGE :

25 Kg kraft drums

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