

BISMUTH SUBGALLATE / EUROPEAN PH.

OCB CODE: 0231

SYNONYMS:

Gallic acid bismuth basic salt; bismuth gallate, basic; B.S.G.; Dermatol

FORMULA:

$C_7H_5BiO_6$

MOLECULAR WEIGHT:

394.09

Determinations	Specifications	Typical
Appearance	Yellow powder	Conform
Solubility	Practically insoluble in water and in alcohol. It dissolves in mineral acids with decomposition and in solutions of alkali hydroxides, producing a reddish-brown liquid.	Conform
Identification	A. Test A B. Bismuth	Pass test Pass test
Loss on drying	≤ 7.0%	3.6%
Bismuth content (odb)	48.0-51.0%	49.2%
Acidity	Test	Pass test
Chloride	≤ 200 ppm	≤ 200 ppm
Nitrate	≤ 0.2%	≤ 0.2%
Non precipitated substances in ammonia	≤ 1.0%	0.1%

PACKAGE :

25 Kg Kraft drums

OCB Pharmaceutical S.R.L.

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BISMUTH SUBGALLATE / USP

OCB CODE: 0231

SYNONYMS:

Gallic Acid Bismuth Basic Salt; Bismuth Gallate, Basic; B.S.G.; Dermatol

FORMULA:

$C_7H_5BiO_6$

MOLECULAR WEIGHT:

394.09

Determinations	Specifications	Typical
Appearance	Amorphous, bright yellow powder. Is odorless and tasteless. Is stable in air, but is affected by light	Conform
Solubility	Dissolves readily with decomposition in warm, moderately dilute hydrochloric, nitric, or sulfuric acid; readily dissolved by solutions of alkali hydroxides, forming a clear, yellow liquid that rapidly assumes a deep red color. Practically insoluble in water, in alcohol, in chloroform, and in ether; insoluble in very dilute mineral acids	Conform
Identification	A. Bismuth B. Test B	Pass test Pass test
Bismuth oxide content odb	52.0 – 57.0%	54.8%
Loss on drying	≤7.0%	Pass test
Nitrate	Test	≤200 ppm
Arsenic	≤7.5 ppm	≤0.2%
Free gallic acid	≤0.5%	0.1%
Alkali and alkaline earths	≤0.5%	0.2%

PACKAGE :

25 Kg Kraft drums

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