

BISMUTH SUBSALICYLATE MICRONIZED/ USP

OCB CODE: 0244

SYNONYMS:

(2-Hydroxybenzoato-O¹)-Oxobismuth;
2- Hydroxybenzoic Acid Bismuth (3+) salt, Basic.

FORMULA:

$C_7H_5BiO_4$

MOLECULAR WEIGHT:

362.09

Determinations	Specifications	Typical
Appearance	Fine to off-white, microcrystalline, odorless, tasteless powder	Conform
Solubility	Practically insoluble in water, in alcohol, and in ether. Reacts with alkalies and mineral acids	Conform
Identification	A. IR	Conform
	B. Bismuth	Pass test
pH	2.7 – 5.0	3.5
Loss on drying	≤ 1.0%	0.1%
Nitrate	≤ 0.4%	≤ 0.4%
Arsenic	≤ 10 ppm	≤ 10 ppm
Free salicylic acid	≤ 0.2%	0.1%
Soluble Bismuth	≤ 40 ppm	< 1 ppm
Bismuth content (odb)	56.0-59.4%	57.8%
Total salicylate content (obd)	36.5-39.3%	37.4%
Residual solvents	No solvents used	No solvents used
Average particle size	≤ 5 μm	4 μm

PACKAGE :

25 Kg. kraft drums

OCB Pharmaceutical S.R.L.

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OCB CODE: 0244

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FORMULA:

$C_7H_5BiO_4$

MOLECULAR WEIGHT:

362.09

Determinations	Specifications	Typical
Appearance	White or almost white powder	Conform
Solubility	Practically insoluble in water and in alcohol. It dissolves in mineral acids with decomposition	Conform
Identification	A. Salicylates	Pass test
	B. Bismuth	Pass test
Acidity	Test	Pass test
Bismuth content odb	56.0 – 59.4%	57.8%
Chloride	≤200 ppm	≤200 ppm
Nitrate	≤0.4 %	≤0.4%
Soluble Bismuth	≤40 ppm	<1 ppm
Loss on drying	≤1.0%	0.1%
Average particle size	≤5 μm	4 μm

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