

Product Data Sheet

Bismuth Subsalsicylate SG

UPDATED ON 2018-05-01

Nomenclature:	Basic Bismuth Salicylate Bismutum Oxysalicylate	Salicylic Acid Bismuth Basic Salt Bismuth, (2-hydroxybenzoato-O-)oxo
Formula:	C ₇ H ₅ O ₄ Bi	
CAS Number:	14882-18-9	
EINECS Number:	238-953-1	

Chemical Data:

	Specification USP 41	Specification Ph. Eur. 9.0
Bismuth, dry	56.0 – 59.4%	56.0 – 59.4%
Salicylate, dry	36.5 – 39.3%	-
Identification	positive	positive
Loss on drying	max. 1.0%	max. 1.0%
Nitrates	max. 0.4%	max. 0.4%
Free salicylic acid	max. 0.2%	-
pH	2.7 – 5.0	-
As	max. 10 ppm	-
Cu	max. 10 ppm	max. 50 ppm
<i>Pb (official)</i>	<i>max. 10 ppm</i>	<i>max. 20 ppm</i>
Pb (in-house)	max. 0.5 ppm	max. 0.5 ppm
Ag	max. 10 ppm	max. 25 ppm
Soluble Bi	max. 40 ppm	max. 40 ppm
Chlorides	-	max. 200 ppm
Acidity	-	pass test

Morphological and Physical Data:

	Specification	Typical value
Particle size: d50 (Helos/Rodos)		1 - 2 µm
Appearance		white or almost white powder
Tapped density		0.6 g/cm ³
Molecular weight	362.09	

Regulatory Information:

BSE/TSE	Product does not contain ingredients or is produced by raw materials of animal origin
GMO	Product does not contain ingredients or is produced by raw materials containing GMOs
Residual solvents	Product does not contain residual solvents
REACH	Product is registered acc. to REACH-regulation

Particle Size Distribution:

