



Specification

| Concerning Product: | |
|---|--|
| Article number | 37600 |
| Trade name / designation / denomination | Wismutsalicylat {Bismuth(III) salicylate basic} |
| CAS number | 14882-18-9 |
| Other names / synonyms | â€1,3,2â€; â€BISMUTH SALICYLATE; â€Bismuth Subsaliolate, Purified; â€Bismuth Subsaliolate, USP; â€Bismuth(III) salicylate basic; â€bismuth oxide salicylate; |
| EC number | 238-953-1 |
| Customs tariff number / CN code / TARIC | 29182100 |
| Molecular weight [g / mol] | 362.10 |
| Formula | C ₇ H ₅ BiO ₄ |

| Parameter | Test Method | Specification | Unit |
|-----------------------------------|------------------------|---|-------------------|
| Organoleptic test | | | |
| Appearance | | white or almost white powder | |
| Physical parameter | | | |
| Acidity/Alkalinity | | complies | |
| Loss on drying | USP 2021 Ph. Eur. 10.0 | ≤ 1.0 | % |
| pH value | USP 2021 Ph. Eur. 10.0 | 2.7 â 5.0 | |
| Tamped density | | ~ 0.6 | g/cm ³ |
| Identity | | | |
| Assay | USP 2021 Ph. Eur. 10.0 | Bismuth, dry: 56.0 â 59.4 | % |
| Assay | USP 2021 | Salicylate, dry: 36.5 â 39.3 | % |
| Identification | USP 2021 Ph. Eur. 10.0 | positive | |
| Impurities | | | |
| Soluble part | USP 2021 Ph. Eur. 10.0 | Bi: ≤ 40 | ppm |
| Nitrates | USP 2021 Ph. Eur. 10.0 | ≤ 0.4 | % |
| Free salicylic acid | USP 2021 | ≤ 0.2 | % |
| Residual Solvents | | | |
| Residual solvents | | Product does not contain residual solvents. | |
| Elemental Impurities | | | |
| Silver (Ag) | Ph. Eur. 10.0 | ≤ 25 | ppm |
| Silver (Ag) | USP 2021 | ≤ 10 | ppm |
| Arsenic (As) | USP 2021 | ≤ 10 | ppm |
| Chlorides (Cl) | Ph. Eur. 10.0 | ≤ 200 | ppm |
| Copper (Cu) | Ph. Eur. 10.0 | ≤ 50 | ppm |
| Copper (Cu) | USP 2021 | ≤ 10 | ppm |
| Lead (Pb) | Ph. Eur. 10.0 | ≤ 20 | ppm |
| Lead (Pb) | USP 2021 | ≤ 10 | ppm |
| Particle size distribution | | | |
| Particles | | d50 (Helos/Rodos) 1 â 2 | Âµm |

Regulatory information:

BSE/TSE statement: Product does not contain ingredients or is produced by raw materials of animal origin.

GMO statement: Product does not contain ingredients or is produced by raw materials containing GMOs.

REACH registration: Product is registered acc. to REACH-regulation.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 07. Jul. 2021

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