



Specification

Bismuth Subgallate USP

Catalog Number: BS1003
CAS Number: 99-26-3
Synonyms: Bismuth subgallate purified; Bismuth subgallate USP; Bismuth dihydroxy (3,4,5-trihydroxybenzoato-O); Basic bismuth gallate; Gallic acid bismuth basic salt
Molecular Formula: C₇H₅BiO₆
Molecular Weight: 394.09

| Test | Specification |
|---|---|
| Description: | Yellow, heavy, odorless & tasteless powder. |
| Identification A,B: | Positive for Bi+3 & Gallate |
| Appearance in solution (HNO ₃): | Clear, free of foreign matter |
| Loss on drying @ 105 deg.C: | 7.0% maximum |
| Assay (as Bi ₂ O ₃): | 52.0-57.0% |
| Alkalies & Alkaline Earths: | 0.5% maximum |
| Free Gallic Acid: | 0.5% maximum |
| Arsenic (as As): | 0.00075% maximum |
| Copper, Lead, Silver: | To pass tests |
| Nitrate (NO ₃): | To pass test |
| Residual Solvents: | DI Water |

Approved:

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