



Specification

Bismuth Subcarbonate USP

Catalog Number: BS1002
CAS Number: 5892-10-4
Synonyms: Bismuth carbonate, basic; Bismuth oxycarbonate
Molecular Formula: $(\text{BiO})_2\text{CO}_3$
Molecular Weight: 509.97

Test	Specification
Description:	White to OFF-White, odorless and tasteless powder
Appearance in solution (HNO ₃):	Clear, colorless, free of foreign matter
Identification:	Postive for Bismuth and carbonate
Assay:	97.6% - 100.7%
Loss on drying:	1.0% maximum
Chloride (Cl):	0.05% maximum
Alkalies & Alkaline Earths:	1.0% maximum
Nitrate (NO ₃):	0.4% maximum
Silver (Ag):	0.0025% maximum
Copper (Cu):	0.005% maximum
Arsenic (As):	0.0005% maximum
Lead (Pb):	0.002% maximum

Approved:

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