



BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,
Contact no: +91-8295241953, +91-7404210730

CERTIFICATE OF ANALYSIS

Product Name	BISMUTH NITRATE PENTAHYDRATE 98% AR [10035-06-0]
Code No.	B-00432
Batch No.	BC09240033
Cas No.	5892-10-4
Mfg.Date	Sep/2024
Date of Analysis	09/24/2024
Retest Date	Oct-2029

TEST	SPECIFICATION	RESULT
Appearance	White or yellowish white powder	White powder
Assay (ex Bi)	80-82%	80.74%
Sulphate (SO₄)	Max 0.01%	0.0060%
Insoluble matter in HNO₃	Max 0.05%	0.05%
Loss on drying (at 105°C)	Max 1.0%	0.55%
Alkali & alkaline earth metals	Max 1.0%	1.00%
Copper (Cu)	Max 0.005%	0.000221%
Silver (Ag)	Max 0.0025%	0.00021%
Arsenic (As)	Max 0.0005%	<0.0005%
Iron (Fe)	Max 0.01%	0.00087%
Lead (Pb)	Max 0.002%	0.00023%
Nitrate (NO₃)	Max 0.4%	0.31%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on
+91-7404210730 Website- www.biofinechemical.com