

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : BISMUTH SUBNITRATE AR**

**CAS No : 10361-46-3**  
**Mol. Formula : Bi(O)NO<sub>3</sub>**  
**Mol. WT : 286.98**  
**Date of Analysis : 23/01/24**

**Product code : 22340**  
**Batch No. : MCRT-30260**  
**Mfd. : Jan. 2024**  
**Exp. : Dec. 2028**

S.R	Test	Specification	Observation
1	Description	White to off white powder.	White powder.
2	Assay (Bi)	71.0 % min	71.63%
3	Ammonium (NH <sub>4</sub> )	0.003% max	< 0.003%
4	Silver (Ag)	0.001% max	< 0.001%
5	Arsenic (As)	0.0005% max	< 0.0005%
6	Calcium (Ca)	0.005% max	< 0.005%
7	Copper (Cu)	0.002% max	< 0.002%
8	Iron (Fe)	0.002% max	< 0.002%
9	Lead (Pb)	0.005% max	< 0.005%
10	Zinc (Zn)	0.001% max	< 0.001%
11	Chloride (Cl)	0.005% max	< 0.005%
12	Sulphate (SO <sub>4</sub> )	0.002 % max	< 0.002%
13	Substances not precipitated by H <sub>2</sub> S	0.5% max	<0.5%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Ruchi)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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