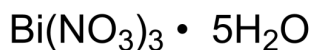


## Certificate of Analysis

### Compound Information

Product Name:	Bismuth(III) nitrate pentahydrate
Cat. No.:	1215130
CAS No.:	10035-06-0
Molecular Formula:	BiH <sub>10</sub> N <sub>3</sub> O <sub>14</sub>
Molecular Weight:	485.07
Chemical Structure:	



### Batch Information

Batch No.:	Le030162279
Storage:	Store at room temperature, keep dry and cool
Test Date:	2021-03-01
Retest Date:	2026-02-28
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystal)
Assay, ω/%:	≥99.0	99
Clarity Test:	≤3.0	qualified
Nitric Acid Insoluble, ω/%:	≤0.002	qualified
Chloride(Cl), ω/%:	≤0.001	qualified
Sulfate(SO <sub>4</sub> ), ω/%:	≤0.005	qualified
Arsenic(As), ω/%:	≤0.0005	qualified
Sodium(Na), ω/%:	≤0.002	qualified
Magnesium(Mg), ω/%:	≤0.001	qualified
Potassium(K), ω/%:	≤0.002	qualified
Calcium(Ca), ω/%:	≤0.001	qualified
Iron(Fe), ω/%:	≤0.0005	qualified
Copper(Cu), ω/%:	≤0.001	qualified
Zinc(Zn), ω/%:	≤0.001	qualified
Silver(Ag), ω/%:	≤0.001	qualified

**Lead(Pb),ω/%:**

≤0.005

qualified

**Conclusion:**

The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai