Certificate of Analysis

Bismuth subnitrate

Cat. No.: HY-B2181 CAS No.: 1304-85-4 Batch No.: 57370

Chemical Name: Bismuth hydroxide nitrate oxide (Bi5(OH)9(NO3)4O)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $Bi_5H_9N_4O_{22}$ Molecular Weight: 1461.99

Storage: 4°C, protect from light, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

$Bi_5(OH)_9(NO_3)_4O$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥97.0% Iron(Fe), %: 0.001 Lead(Pb), %: 0.02 Silver(Ag), %: 0.001 Content (as BiO3), %: 81.0

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

Caution: Product has not been fully validated for medical applications. For research use only.

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