

Bismuth standard solution, 1,000 mg/l Bi in 10% nitric acid

Danger

H314
P280 P301+P330+P331 P305+P351+P338
P309+P310



CAS 7440-69-9

EINECS: 231-177-4

UN: 3264

ADR 8,III

Restricted to professional users.

Bi

M.W. 208.98 g/mol

Storage Temperature: Ambient temperature

NEW Bismuth standard solution, 1,000 mg/l Bi in 10% nitric acid AVS TITRINORM® standard for AAS

Tested according to ISO 17025

Cat. No.	Pk	Pack type
86666.180	100 ml	Plastic bottle
86666.260	500 ml	Plastic bottle

Supplied with certificate of analysis. Real value +/- 0.3%

Bismuth (III) carbonate basic

Dibismuth carbonate dioxide, Bismuth subcarbonate

CAS 5892-10-4

EINECS: 227-567-9

(BiO)₂CO₃

M.W. 509.97 g/mol

Density: 6.86 g/cm³ (25 °C)

Bismuth (III) carbonate basic Ph. Eur.

Assay (Bi) (calculated on dried)	80.0 to 82.5 %
Appearance	White powder
Identification A	Passes test
Identification B	Passes test
Solution S	Passes test
Appearance of solution	Passes test
Cl (Chloride)	Max. 500 ppm
NO ₃ (Nitrate)	Max. 0.4 %
Alkali and alkaline-earth metals	Max. 1.0 %
As (Arsenic)	Max. 5 ppm
Cu (Copper)	Max. 50 ppm
Pb (Lead)	Max. 20.0 ppm
Ag (Silver)	Max. 25 ppm
Loss on drying (105°C)	Max. 1.0 %
Residual solvents	Passes test

Cat. No.	Pk	Pack type
83518.230	250 g	Plastic bottle for solids

Bismuth carbonate oxide

See Bismuth (III) carbonate basic p.69

Bismuth (III) nitrate pentahydrate

Bismuth trinitrate pentahydrate

Warning

H272 H319 H335 H315
P210 P280 P302+P352 P304+P340 P305+P351+P338
P309+P311



CAS 10035-06-0

EINECS: 233-791-8

UN: 1477

ADR 5.1,II

Bi(NO₃)₃·5H₂O

M.W. 485.07 g/mol

Density: 2.736 g/cm³ (20 °C)

Boiling Pt: 75 to 80 °C (1013 hPa)

Melting Pt: 30 °C

Bismuth (III) nitrate pentahydrate GPR RECTAPUR®

Assay	Min. 97 %
Alkali and alkaline-earths (as SO ₄)	Max. 0.2 %
Cl (Chloride)	Max. 0.02 %
SO ₄ (Sulphate)	Max. 0.1 %

Cat. No.	Pk	Pack type
21932.263	500 g	Plastic bottle for solids

Bismuth (III) nitrate basic

Bismuth hydroxide nitrate oxide, Bismuth subnitrate

Danger

H272 H319 H335 H315



CAS 1304-85-4

EINECS: 215-136-8

UN: 1477

ADR 5.1,II

Bi₅O(OH)₅(NO₃)₄

M.W. 1461.99 g/mol

Density: 4.928 g/cm³ (20 °C)

NEW Bismuth (III) nitrate basic AnalaR NORMAPUR®

Assay (calculated as Bi)	71.0 to 74.0 %	Identification	Passes test
Loss on drying (105°C)	Max. 3 %	Substances not precipitated by ammonia	Max. 1 %
Cl (Chloride)	Max. 0.02 %	Ag (Silver)	Max. 25 ppm
Cu (Copper)	Max. 50 ppm	Pb (Lead)	Max. 20 ppm

Cat. No.	Pk	Pack type
84838.180	100 g	Plastic bottle for solids

Bismuth (III) oxide

Dibismuth trioxide

Warning

H319 H335 H315
P280 P302+P352 P304+P340 P305+P351+P338
P309+P311



CAS 1304-76-3

EINECS: 215-134-7

Bi₂O₃

M.W. 465.96 g/mol

Density: 8.9 g/cm³ (20 °C)

Boiling Pt: 1890 °C (1013 hPa)

Melting Pt: 825 °C