

T2009 BISMUTH NITRATE PENTAHYDRATE
(Bismuth Trinitrate Pentahydrate) LR

For general enquiries please contact our
Quality Control Division: qc@tirupatiind.com

Tirupati Industries (India) Limited
42-45, Emerald Industrial Estate,
Dheku, Tal. Khalapur, Dist. Raigad 410203,
Maharashtra, INDIA.

Phone: +91(22)67495050

Product Number	Packaging	Size
T200900100	Plastic Bottle	100g
T200900500	Plastic Bottle	500g

Other bulk and consumer pack sizes are available

Product Information

Synonyms	Bismuth Trinitrate Pentahydrate
Chemical formula	$\text{Bi}(\text{NO}_3)_3 \cdot 5\text{H}_2\text{O}$
Form	solid
Colour	colourless
Odour	-
Molar mass	485.07g/mol
CAS number	10035-06-0

Physical and chemical data

Solubility	Insoluble
Melting point	30 °C
Molar mass	485.07g/mol
Density	2.83 g/cm ³
Bulk density	-
pH value	-
Specific Gravity	2.83

Safety information

May intensify fire; oxidizer
Causes skin irritation.
Causes serious eye irritatio.
May cause respiratory irritation.



Tariff: 2834 29 80
R: 8-36/37/38
F: 8
S: 17-23-37/39

Transport information

CLASS 5.1: Oxidizing material
Marine Pollutant

Technical data

Assay	97.0 Min	%
Chloride	0.01 Max	%
Sulphate	0.02 Max	%
Lead	0.01 Max	%
Calcium	0.005 Max	%
Iron	0.005 Max	%

Uses

Laboratory chemicals.

REGD. OFFICE & FACTORY: 42 – 45 EMERALD INDUSTRIAL ESTATE, DHEKU, TAL. KHALAPUR, DIST RAIGAD - 410 203, MAH (INDIA)
TEL: +91-22-67495050| FAX: +91-22-67499290| info@tirupatiind.com | www.tirupatiind.com