

## 4035 - BISMUTH NITRATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/4035	<b>STANDARD SPECIFICATION FOR BISMUTH NITRATE, EXTRA PURE</b>	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 4035

**PRODUCT PROPERTIES**

<b>C.A.S Number</b>	10035-06-0
<b>Chemical Formula</b>	BiN <sub>3</sub> O <sub>9</sub>
<b>Formula weight</b>	394.99
<b>Functional Uses</b>	An excellent oxidant for a variety of 4-substituted Hantzsch 1,4-dihydropyridines. Convenient reagent for selective oxidation of sulfides to sulfoxides.
<b>Standard Packaging</b>	100 gm, 500 gm

**PHYSICAL PARAMETERS**

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

**CHEMICAL PARAMETERS**

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Iron (Fe)	NMT – 0.005%
Assay	NLT – 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

