

ISO 9001:2008 Co.



# Rehsiff Scientific®

Manufacture & Importer of  
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

## BISMUTH NITRATE PENTAHYDRATE AR/ACS

<b>PRODUCT CODE</b>	<b>R01099</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>10035-06-0</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Bi(NO<sub>3</sub>)<sub>3</sub>·5H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>485.07</b>
<b>PROPERTIES</b>	<b>Bi(NO<sub>3</sub>)<sub>3</sub>·5H<sub>2</sub>O</b> Soluble in dilute nitric acid, alcohol, acetone ; slowly decomposed by water to the sub nitrate.
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Colourless deliquescent crystals with an odour of Nitric acid.
Solubility	10% solution in water in a mixture of dilute nitric acid and water is clear and colourless.
Minimum assay (Complexometric)	98.5%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Insoluble matter	0.003%
Ammonium (NH <sub>4</sub> )	0.0025%
Arsenic (As)	0.0001%
Chloride (Cl)	0.001%
Sulphate (SO <sub>4</sub> )	0.02%
Calcium (Ca)	0.005%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.005%
Magnesium (Mg)	0.001%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<p><b>DANGER</b>  <b>Hazard statements:</b> May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.  <b>Precautionary statements</b>  <b>Prevention:</b> Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.  <b>Response:</b> If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	<p>IMDG Code : 5.1/II                      4UN No. : 1477                      IATA : 5.1</p>
<p><b>Disposal:</b> The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.</p>	
<p>Hazard Pictogram(s) :-</p>	



GHS05



GHS07

Replace Date 1 April 2023

: Regd Office, 201, MM Nagar, Ahmedabad (Gujarat)

Email: [rehsiffscientific@gmail.com](mailto:rehsiffscientific@gmail.com), [www.rehsiffscientific.com](http://www.rehsiffscientific.com)

