

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : BISMUTH NITRATE (PENTHYDRATE) LR**

<b>CAS No</b>	<b>: 10035-06-0</b>	<b>Product code</b>	<b>: 12910</b>
<b>Mol. Formula</b>	<b>: Bi(NO<sub>3</sub>)<sub>3</sub>.5H<sub>2</sub>O</b>	<b>Batch No.</b>	<b>: MCR-30215</b>
<b>Mol. WT</b>	<b>: 485.07</b>	<b>Mfd.</b>	<b>: Jan. 2024</b>
<b>Date of analysis</b>	<b>: 19/01/24</b>	<b>Exp.</b>	<b>: Dec. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless to white deliquescent crystals or crystalline powder	White deliquescent crystalline powder.
2	<b>Assay (ex Bi)</b>	98% min	98.14%
3	<b>Chloride (Cl)</b>	0.005 % max	< 0.005%
4	<b>Sulphate (SO<sub>4</sub>)</b>	0.02 % max	< 0.02%
5	<b>Arsenic(As)</b>	0.0001 % max	< 0.0001%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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