



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM NITRITE PURIFIED**

<b>CAS No</b>	<b>: 7758- 09- 0</b>	<b>Product code</b>	<b>: 17350</b>
<b>Mol. Formula</b>	<b>: KNO<sub>2</sub></b>	<b>Batch No</b>	<b>: MCR 20865</b>
<b>Mol. WT</b>	<b>: 85.11</b>	<b>Mfd.</b>	<b>: Feb. 2020</b>
<b>Date of analysis</b>	<b>: 19/02/20</b>	<b>Exp.</b>	<b>: Jan. 2025</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Description</b>	White to pale yellow crystalline powder	pale yellow crystalline powder
2	<b>Assay</b>	97 % w/w min.	98.41 %w/w
3	<b>Insoluble matter in H<sub>2</sub>O</b>	0.05% max	0.02%
4	<b>Chloride(Cl)</b>	0.01 % max	< 0.01 %
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.01 % max	< 0.01 %
6	<b>Iron(Fe)</b>	0.002%max	<0.002%
7	<b>Sodium (Na)</b>	0.5 % max	< 0.5 %
8	<b>Lead(Pb)</b>	0.002%max	<0.002%

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

**[Tested By]**

**[Q.C Incharge]**

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

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

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