

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM IODIDE AR**

**CAS No : 7681-82-5**

**Product code: 25820**

**Mol. Formula : NaI**

**Batch No. : MCAR-00215**

**Mol. WT : 149.89**

**Mfd. : May 2024**

**Date Analysis : 29/05/24**

**Exp. : April 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystalline powder	White crystalline powder
2	<b>Assay (after drying)</b>	99.5% min	99.66% w/w
3	<b>pH (5% aq.solution)</b>	6 - 9	6.56
4	<b>Insoluble matter</b>	0.003% max	0.002%
5	<b>Acidity (HI)</b>	0.0065% max	<0.0065%
6	<b>Alkalinity (NaOH)</b>	0.005% max	<0.005%
7	<b>Chloride and bromide (as Cl)</b>	0.01% max	<0.01%
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.002% max	<0.002%
9	<b>Iodate (IO<sub>3</sub>)</b>	0.0002% max	<0.0002%
10	<b>Nitrogen compounds (N)</b>	0.001% max	<0.001%
11	<b>Lead (Pb)</b>	0.0002% max	<0.0002%
12	<b>Copper (Cu)</b>	0.0005% max	<0.0005%
13	<b>Iron (Fe)</b>	0.0005% max	<0.0005%
14	<b>Calcium (Ca)</b>	0.001% max	<0.001%
15	<b>Potassium (K)</b>	0.01% max	<0.01%
16	<b>Phosphate (PO<sub>4</sub>)</b>	0.001% max	<0.001%
17	<b>Iodine reducing substance(I)</b>	0.001% max	<0.001%
18	<b>Loss on drying (105°C)</b>	0.5% max	0.31%

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

**[Tested By]**

**[QC Incharge]**



**CHEMIST  
(Asmita)**



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

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

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