

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM IODIDE AR

CAS No : 7681-82-5

Product code: 25820

Mol. Formula : NaI

Batch No. : MCAR-01139

Mol. WT : 149.89

Mfd. : Jan. 2025

Date Analysis : 25/01/25

Exp. : Dec. 2029

S.R	Test	Specification	Observation
1	Description	White crystalline powder	White crystalline powder
2	Assay (after drying)	99.5% min	99.78% w/w
3	pH (5% aq.solution)	6 - 9	7.59
4	Insoluble matter	0.003% max	0.002%
5	Acidity (HI)	0.0065% max	<0.0065%
6	Alkalinity (NaOH)	0.005% max	<0.005%
7	Chloride and bromide (as Cl)	0.01% max	<0.01%
8	Sulphate (SO₄)	0.002% max	<0.002%
9	Iodate (IO₃)	0.0002% max	<0.0002%
10	Nitrogen compounds (N)	0.001% max	<0.001%
11	Lead (Pb)	0.0002% max	<0.0002%
12	Copper (Cu)	0.0005% max	<0.0005%
13	Iron (Fe)	0.0005% max	<0.0005%
14	Calcium (Ca)	0.001% max	<0.001%
15	Potassium (K)	0.01% max	<0.01%
16	Phosphate (PO₄)	0.001% max	<0.001%
17	Iodine reducing substance(I)	0.001% max	<0.001%
18	Loss on drying (105°C)	0.5% max	0.10%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Sayli)**




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

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