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CERTIFICATE OF ANALYSIS

Name of the Sample : **Sodium Iodide AR**
Batch No. : **227293**
Date of Mfg. : **Jan 2024**
Date of Exp. : **Dec 2028**
Register No. : **2024-25**
Qty of Sample : **100gm**
Date of Analysis : **Jan 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay (Calculated to the dried material)	99.59%	Min.99.5%
3.	Loss on drying at 105°C	0.45%	Max.0.5%
4.	Water insoluble matter	0.0015%	Max.0.003%
5.	Chloride and bromide	0.01%	Max.0.01%
6.	Iodate	0.0002%	Max.0.0002%
7.	Nitrogen compounds	0.0005%	Max.0.001%
8.	Phosphate	0.001%	Max.0.001%
9.	Sulphate	0.0002%	Max.0.002%
10.	Iron	0.0001%	Max.0.0001%
11.	Lead	0.0001%	Max.0.0001%
12.	Potassium	0.0095%	Max.0.01%
13.	Iodine reducing substances	Complies	Max.0.001%

Chief Chemist