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CERTIFICATE OF ANALYSIS

Name of the Sample : Potassium Iodide AR
Batch No. : 228400
Date of Mfg. : March 2025
Date of Exp. : Feb 2030
Register No. : 2025-26
Qty of Sample : 500gm
Date of Analysis : March 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Solubility	Passes	10% w/v aqueous solution is clear
3.	Assay (Calculated to the dried material)	99.81% KI	Min.99.8%
4.	Water insoluble matter	0.0024%	Max.0.003%
5.	Loss on drying	0.28%	Max.0.5%
6.	Chloride & Bromide	0.0095%	Max.0.01%
7.	Iodate	0.0002%	Max.0.0002%
8.	Sulphate	0.0016%	Max.0.0025%
9.	Sodium	0.088%	Max.0.1%
10.	Iodine reducing Substances (I)	0.001%	Max.0.001%

Chief Chemist