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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : Potassium Iodide AR  
**Batch No.** : 227725  
**Date of Mfg.** : July 2024  
**Date of Exp** : June 2029  
**Register No.** : 2024-25  
**Qty of Sample** : 500gm  
**Date of Analysis** : July 2024

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)	99.83% KI	Min.99.8%
4.	Water insoluble matter	0.0022%	Max.0.003%
5.	Loss on drying	0.31%	Max.0.5%
6.	Chloride & Bromide	0.008%	Max.0.01%
7.	Iodate	0.0002%	Max.0.0002%
8.	Sulphate	0.0016%	Max.0.0025%
9.	Sodium	0.095%	Max.0.1%
10.	Iodine reducing Substances (I)	0.001%	Max.0.001%

**Chief Chemist**