



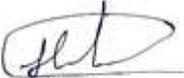
CERTIFICATE OF ANALYSIS

Product Name : POTASSIUM IODIDE 99% Extra Pure Confirms IP, BP, USP
Batch No. : Sample COA Release Date : 22-Nov-2025
Mol. Formula : KI Mol. Weight : 166.00
Code No. : 05390 CAS No. : 7681-11-0
Mfg. Date : Nov-2025 Exp. Date : Oct-2030
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (as KI; on anhydrous basis)	99 - 100.5%	99.30%
3	Insoluble matter in water	Max 0.01%	<0.01%
4	Nitrate, nitrite and ammonia	Passes test	Passes test
5	Chloride & bromide (as Cl)	Max 0.05%	0.008%
6	Free alkali (as K ₂ CO ₃) as per pharma	Passes test	Passes test
7	Sulphate (SO ₄)	Max 0.015%	0.0035%
8	Iodate (IO ₃)	Max 0.0003%	<0.0003%
9	Thiosulphate (S ₂ O ₃)	Max 0.005%	<0.005%
10	Heavy metal (as Pb)	Max 0.001%	Not detected
11	Iron (Fe)	Max 0.001%	Not detected
12	Loss on drying (at 105°C)	Max 1%	0.19%

CONCLUSION -The above material conforms to the quality specifications of PELICAN (Trust Lies Here)..




Pelican
(Trust lies here)