



CERTIFICATE OF ANALYSIS

Product Name : POTASSIUM IODIDE 99% Extra Pure
Confirms IP, BP, USP

Lot No.	: L548012503	Release Date	: 18-Mar-2025
Mol. Formula	: KI	Mol. Weight	: 166.00
Code No.	: 05390	CAS No.	: 7681-11-0
Mfg. Date	: Mar-2025	Exp. Date	: Feb-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%	99.26%
3	Insoluble matter in water	Max 0.01%	0.0015%
4	Nitrate, nitrite and ammonia	Passes test	Passes test
5	Chloride & bromide (as Cl)	Max 0.05%	0.007%
6	Free alkali (as K ₂ CO ₃) as per pharma	Passes test	Passes test
7	Sulphate (SO ₄)	Max 0.015%	0.0008%
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%	0.0001%
11	Iron (Fe)	Max 0.001%	0.00002%
12	Loss on drying (at 105°C)	Max 1%	0.5%

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Isharat
Chemist

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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