

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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CERTIFICATE OF ANALYSIS

Name of Product	: Potassium Iodide	CAS No.	: 7681-11-0
Molecular Formula	: KI	Molecular Weight	: 166.0 g/mole
Batch No.	: QF2501276	Grade	: AR
Mfg. Date	: January-2025	Retest Date	: December-2029

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystalline powder	Complies
2	Minimum assay (KI)	99.8 %	99.92 %
	Maximum limits of impurities: #		
3	Insoluble matter	0.003 %	0.001 %
4	Loss on drying at 120°C	0.2 %	0.1 %
5	Acidity(HI)	0.0065%	0.0030 %
6	Alkalinity	0.006%	0.004 %
7	Chloride and bromide(Cl)	0.01%	0.006 %
8	Iodate (IO ₃)	0.0002%	0.0001%
9	Nitrogen compounds(N)	0.001%	0.0004 %
10	Phosphate(PO ₄)	0.001%	0.0002 %
11	Sulphate(SO ₄)	0.0025%	0.0014 %
12	Barium(Ba)	0.001%	0.0006 %
13	Iron(Fe)	0.0002%	<0.0002%
14	Lead(Pb)	0.0002%	0.0001%
15	Sodium(Na)	0.05%	0.02 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.