

Iodine

Batch no 20250804
Mf date Aug 01 2025
Retest Jul 31 2030

Molecular Structure 

Molecular Formula I_2
Molecular Weight 253.81
CAS Registry Number 7553-56-2

Aug 06 2025

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Dark brown crystal granule	Conforms
Nonvolatile matter	$\leq 0.05\%$	0.04%
Cl	$\leq 0.01\%$	0.002%
Br	$\leq 0.01\%$	0.002%
Sulfate	Meets the requirements	Conforms
Heavy metals	≤ 10 ppm	≤ 10 ppm
Ferrum	≤ 10 ppm	≤ 10 ppm
Assay	$\geq 99.5\%$	99.86%

Packaging & storage	Preserve in tight containers
Conclusion	Material complies with in-house standard