



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Iodine
Product Number IOD-20260202
Batch Number IOD-SH2026020201
Brand SIGALD
CAS Number 7553-56-2
MDL Number MFCD00011358
Formula I₂
Formula Weight 253.81 g/mol

Quality Release Date 02 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Deep violet to almost black	Deep violet	-	Visual Inspection
Appearance (Form)	Crystalline solid or flakes	Crystalline flakes	-	Visual Inspection
Purity (I ₂)	≥ 99.5%	99.7%	%	Titration Method (Thiosulfate)
Chlorine (Cl ⁻)	≤ 0.01%	0.005%	%	Silver Nitrate Titration
Bromine (Br ⁻)	≤ 0.1%	0.06%	%	Spectrophotometry
Heavy Metals (Pb)	≤ 0.001%	0.0003%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	≤ 0.1%	0.05%	%	Karl Fischer Titration
Insoluble Matter in Ethanol	≤ 0.05%	0.02%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with industrial standards for iodine and meets all specified requirements. It is qualified for use.

Issue Date: 02 FEB 2026