



>>Entry Name: Iodine ($\text{I}_2^{(-)}$), 9CI

CAS Registry Number: 12190-71-5
 $[\text{I}_2]^{(-)}$

Molecular Formula: $\text{I}_2^{(-)}$

Molecular Weight: 253.809

Accurate Mass: 253.808946

Percentage Composition: I 100.00%

Source/Synthesis: Formed by pulse radiolysis of aq. solns. of alkali iodides

UV: [neutral] λ_{max} 380 () (no solvent reported)

References:

Grossweiner, L.I. *et al.*, *J. Phys. Chem.*, 1957, **61**, 1089-1095, (*formn, uv*)

Thomas, J.K., *Trans. Faraday Soc.*, 1965, **61**, 702-707, (*formn*)

Mishra, B.P. *et al.*, *J.C.S. Perkin 2*, 1975, 1492-1498, (*epr*)