

## SPECIFICATION

### Diiodohydroxyquinoline

| Parameters        | Specification                                                                          |
|-------------------|----------------------------------------------------------------------------------------|
| CAS Number        | 83-73-8                                                                                |
| Appearance        | Yellow-brown crystalline powder                                                        |
| Molecular Formula | C <sub>9</sub> H <sub>5</sub> I <sub>2</sub> NO                                        |
| Molecular Weight  | 396.94 g/mol                                                                           |
| Boiling Point     | 400 °C                                                                                 |
| Melting Point     | 260 °C                                                                                 |
| Flash Point       | 230 °C                                                                                 |
| Purity            | 98–99%                                                                                 |
| Refractive Index  | 1.68                                                                                   |
| Solubility        | Slightly soluble in water; soluble in ethanol, methanol, acetone, DMSO, and chloroform |
| Uses              | Reagent for organic synthesis and analytical chemistry                                 |