

## 3154 – ISATIN

REF NO: TBL/QA/SS/LC/3154	<b>STANDARD SPECIFICATION FOR ISATIN</b>	Rev. No: 03
Issue No: 04		Review Date: 20/03/2025
Issue Date: 21/03/2022		Product code: 3154

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	91-56-5
<b>Chemical Formula</b>	C <sub>8</sub> H <sub>5</sub> NO <sub>2</sub>
<b>Formula weight</b>	147.13
<b>Functional Uses</b>	Isatin can be used as a reactant to prepare: Phthalazinone derivatives. Spirooxindole derivatives.
<b>Standard Packaging</b>	25 gm, 100gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Orange to red coloured powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	201 – 203°C
Residue on ignition	NMT – 0.1%
Loss on Drying	NMT – 0.5%
Assay	NLT – 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

