

## 2632 – 8-HYDROXYQUINOLINE, (Oxine)

<b>REF NO:</b> TBL/QA/SS/LC/2632	<b>STANDARD SPECIFICATION FOR 8-HYDROXYQUINOLINE, (OXINE)</b>	<b>Rev. No:</b> 03
<b>Issue No:</b> 04		<b>Review Date:</b> 27/10/2024
<b>Issue Date:</b> 28/10/2021		<b>Product code:</b> 2632

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	148-24-3
<b>Chemical Formula</b>	C <sub>9</sub> H <sub>7</sub> NO
<b>Formula weight</b>	145.2
<b>Functional Uses</b>	8-Hydroxyquinoline may be used as a chelating ligand in the preparation of tris-(8-hydroxyquinoline) aluminum (Alq <sub>3</sub> ), an organic electroluminescent compound used in organic light-emitting devices (OLEDs).
<b>Standard Packaging</b>	100 gm. & 500gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Creamish color powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting point	72.5 - 74°C
Assay	NLT-99.0%

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

