

## 893 – 1-NAPHTHOL (1-HYDROXYNAPHTHALENE)

|                          |  |                         |
|--------------------------|--|-------------------------|
| REF NO: TBL/QA/SS/LC/893 | <b>STANDARD SPECIFICATION<br/>FOR NAPHTHOL (1-<br/>HYDROXYNAPHTHALENE)</b> | Rev. No: 03             |
| Issue No: 04             |  | Review Date: 29/10/2024 |
| Issue Date: 30/10/2021   |  | Product code: 893       |

### PRODUCT PROPERTIES

|                    |  |
|--------------------|--|
| C.A.S Number       | 90-15-3  |
| Chemical Formula   | C <sub>10</sub> H <sub>8</sub> O   |
| Formula weight     | 144.17   |
| Functional Uses    | 1-Naphthol has been used as a prooxidant to analyze its ability to induce hemolysis in a zebrafish G6PD deficiency model |
| Standard Packaging | 500 gm   |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION                                       |
|-------------------|---|
| Appearance        | Off White Flakes having phenolic odour.             |
| Solubility        | Soluble in alcohol, practically insoluble in water. |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------|
| Sulphated Ash     | NMT – 0.05%   |
| Melting Point     | 95 – 97°C     |
| Assay             | NLT – 99.0%   |

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

