

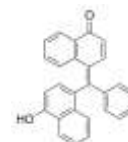


# Product Specification

cdhfinechemical.com

## a-NAPHTHOL BENZEIN (pH INDICATOR)

|                                    |  |
|------------------------------------|--|
| <b>PRODUCT CODE</b>                | <b>307915</b>                                    |
| <b>SYNONYMS</b>                    | <b>p – Naphtholbenzein</b>                       |
| <b>C.I. NO.</b>                    | --   |
| <b>CASR NO.</b>                    | <b>145-50-6</b>                                  |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>C<sub>27</sub>H<sub>18</sub>O<sub>2</sub></b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>374.44</b>                                    |
| <b>PROPERTIES</b>                  | --   |



| <b>PARAMETER</b> | <b>LIMIT</b> |
|------------------|--------------|
|------------------|--------------|

|   |   |
|---|---|
| Transition range  | pH 8.0 – pH 9.6 : (apricot - turquoiseblue) |
| Absorption maximum λ max.<br>(HClO <sub>4</sub> 0.1 Mol/l in acetic acid) | 622 – 626 nm                                |

| <b>MAXIMUM LIMIT OF IMPURITY</b> |
|----------------------------------|
|----------------------------------|

|                           |      |
|---------------------------|------|
| Loss in drying (at 105°C) | 7.0% |
|---------------------------|------|

**Note(s): Assay (if applicable) method mentioned.**

|  |             |
|--|-------------|
| <b>WARNING</b>                                       | IMDG Code : |
| <b>Hazard statements:</b> Not hazardous. No hazards. | UN No. :    |
| <b>Precautionary statements</b>                      | IATA :      |
| <b>Prevention:</b> -----                             |             |
| <b>Response:</b> -----                               |             |
| <b>Disposal:</b> -----                               |             |

**Hazard Pictogram(s) :**-----

Replace Date -26-May-2023