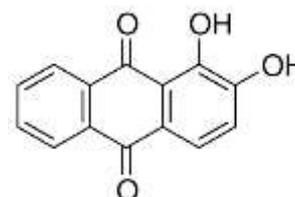


ALIZARIN pH INDICATOR AR

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| PRODUCT CODE | 280585 |
| SYNONYMS | -- |
| C.I. NO. | 58000 |
| CASR NO. | (72-48-0) |
| ATOMIC OR MOLECULAR FORMULA | C₁₄H₈O₄ |
| ATOMIC OR MOLECULAR WEIGHT | 240.22 |
| PROPERTIES | Soluble in aromatic solvents, hot methanol, and ether; sparingly soluble in water; Soluble in ethanol. Combustible. |



| PARAMETER | LIMIT |
|---|------------------------------------|
| pH Transition range | 5.8 to 7.2 Yellow to Red-Violet |
| Clarity of solution | To pass the test. |
| Absorptivity (on dried substance)(A1%/1 cm at λ 422 nm in pH 5.8) | Min. 120 |
| (A1%/1 cm at λ 520 nm in pH 7.2) | Min. 230 |
| Sensitivity | Passes test. |

| MAXIMUM LIMIT OF IMPURITY | |
|---------------------------|------|
| Loss on drying (at 105°C) | 5.0% |

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

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| <p>WARNING</p> <p>Hazard statements : Harmful if swallowed. Causes serious eye irritation. May cause allergic skin reaction</p> <p>Precautionary statements</p> <p>Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinsemouth. If skin irritation or rash occurs: Get medical advice/attention If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.</p> <p>Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.</p> | <p>IMDG Code : --</p> <p>UN No. : --</p> <p>IATA : --</p> |
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| <p>Hazard Pictogram(s) :</p> <div style="text-align: center;">  <p>GHS07</p> </div> |
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Replace Date 27-Oct-2025