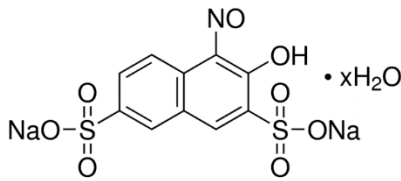


## NITROSO-R-SALT AR SENSITIVITY TO COBALT 1:1000000

|  |   |   |
|--|---|---|
| <b>PRODUCT CODE</b>  | <b>310025</b>   |   |
| <b>SYNONYMS</b>  | (3-Hydroxy-4-nitroso-2, 7-naphthalene disulphonic acid disodium salt)<br>(1-nitroso-2-naphthol-3, 6-disulphonic acid disodium salt) |   |
| <b>C.I. NO.</b>  | --  |   |
| <b>CASR NO.</b>  | (525-05-3)  |   |
| <b>ATOMIC OR MOLECULAR FORMULA</b>   | $C_{10}H_5NNa_2O_8S_2$  |   |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | 377. 26   |   |
| <b>PROPERTIES</b>  | Soluble in hot water; slightly soluble in methanol or ethanol.  |  |
| <b>PARAMETER</b>   | <b>LIMIT</b>  |   |
| Description  | Yellow to orange powder.  |   |
| Solubility   | 0.1% solution in 0.1N NaOH should be clear.   |   |
| Absorption maximum<br>(C=10 mg/lit.)   | 425 nm  |   |
| Absorptivity<br>(A1%, 1 cm at 425 nm)  | Min. 200  |   |
| Suitability for<br>determination of cobalt   | To pass the test.   |   |
| <b>MAXIMUM LIMIT OF IMPURITIES</b>   |   |   |
| Loss on drying (at 105°C)  | 1.0%  |   |
| Residue on ignition<br>(as sulphate)   | 37.0%   |   |
| <b>Note(s) : Assay (if applicable) method mentioned.</b>   |   |   |
| <b>WARNING</b><br>Hazard statements :Not hazardous. No hazards.<br>Precautionary statements<br>Prevention : -----<br>Response : ---<br>Disposal : -- |   | IMDG Code :--<br>UN No. : --<br>IATA : --   |
| <b>Hazard Pictogram(s) :--</b>   |   |   |

Replace date 17-June-2023