



Product Specification

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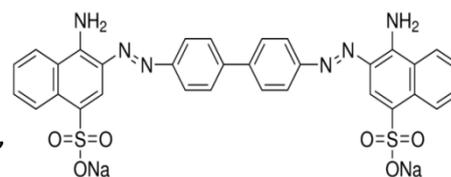
CONGO RED INDICATOR

PRODUCT CODE	290065
SYNONYMS	--
C.I. NO.	22120
CASR NO.	(573-58-0)
ATOMIC OR MOLECULAR FORMULA	$C_{32}H_{22}N_6Na_2O_6S_2$

ATOMIC OR MOLECULAR WEIGHT 696.68

PROPERTIES

Soluble in water and alcohol, insoluble in ether, odourless, decomposes on exposure to acid fumes.



PARAMETER LIMIT

pH Transition Range	pH 3.0 - 5.2 Violet - Orange Red
Absorption maximum 1(pH 3.0)	563 - 568 nm
Absorption maximum 2 (pH 5.2)	484 - 489 nm
Absorptivity (A1%/1 cm at 1, pH 3.0 on dried substance)	> 150
Absorptivity (A1%/1 cm at 2, pH 5.2 on dried substance)	> 200

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	5.0%
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Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: May be harmful if swallowed. May damage fertility.

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Response: If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell*

IMDG Code :

UN No. :

IATA :

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :-



GHS08

Replace Date-30-May-2023