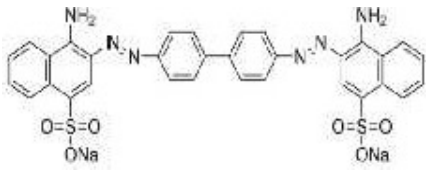




CONGO RED INDICATOR

PRODUCT CODE	R01767	
SYNONYMS	--	
C.I. NO.	22120	
CASR NO.	(573-58-0)	
ATOMIC OR MOLECULAR FORMULA	C₃₂H₂₂N₆Na₂O₆S₂	
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%	
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* Disposal: Dispose of contents and container in accordance with relevant legislation.		IMDG Code :UN No. : IATA :
  GHS05 GHS07		

replace Date 1 April 2023

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