



## Product Specification

### FERROZINE FOR BIOCHEMISTRY (FOR SPECTROPHOTOMETRIC DET. OF Fe)

<b>PRODUCT CODE</b>	<b>R09336</b>
<b>SYNONYMS</b>	[3-(2-Pyridyl)-5,6-Diphenyl- 1,2,4-Triazine-4, 4''-Disulphonic Acid Sodium Salt, PDT Disulphonate]
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(69898-45-9)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_{20}H_{13}N_4NaO_6S_2$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	492.46
<b>PROPERTIES</b>	This is hydrate material containing. xH <sub>2</sub> O as water of crystallisation



PARAMETER	LIMIT
Description	Yellow to greenish yellow coloured powder.
Solubility	5% solution in water is clear to slightly hazy and yellow to greenish yellow in colour .
Minimum assay (Acidimetric Calc.on dried basis)	97.0%
A1%aqueous, 282nm	410-440
MAXIMUM LIMIT OF IMPURITIES	
Water (By KF)	8.0%
Iron (Fe)	0.0005%
Cobalt (Co)	0.005%
Copper (Cu)	0.005%
Nickel (Ni)	0.005%
Zinc (Zc)	0.005%

**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) :-



Aspiration hazard

Replace Date 1 April 2023

**: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)**

Email: rehsiffscientific@gmail.com, www.rehsiffscientific.com

