



## **Product Specification**

cdhfinechemical.com

MILLON'S REAGENT (FOR PROTEIN)		
PRODUCT CODE	866270	
Intended Use		
Millon's reagent is an analytical reagent used to detect the presence of tyrosine, the only amino acid containing a phenol group.		
	ed by nitric acid in the test solution. Then the nitrated tyrosine complexes r solution. Some proteins containing tyrosine initially forms a white precipita s are considered positive.	
PARAMETER	LIMIT	
Description	Colourless to light greenish yellow solution.	
Clarity	Clear solution with no insoluble particles	
Test	Add 1ml of Millon's reagent to 1-2ml of test solution. If desired l	heat the solution till it boil.
<ol> <li>Add 1ml of Millon's reagent to 1-2ml of test solution.</li> <li>If desired heat the solution till it boil.</li> <li>Observe the pink to brick red precipitate or solution which indicate positive test.</li> </ol>		
<b>Results</b> Pink to brick red precipitate or solution No colour change	Presence of proteins (tyrosine, the only amino acid containing a No colour change absence of protein	phenol group)
Note(s) : Assay (if applicable) method mentioned.		
<ul> <li>DANGER</li> <li>Hazard statements : Fatal in contact with skin.Fatal if inhaled. Fatal if swallowed. Suspected of damaging the unborn child.May cause damage to organs through prolonged or repeated exposure by inhalation. May cause damage to organs through prolonged or repeated exposure.May be corrosive to metals. Causes severe skin burns and eye damage.Toxic to aquatic life with long lasting effects.</li> <li>Precautionary statements.</li> <li>Prevention : Wear protective gloves/clothing and eye/face protection.Do not get in eyes, on skin or on clothing.Wash thoroughly after handling.Wash hands thoroughly after handling.Do not breathe dust or mist.Do not breathe dust/fume/gas/mist/vapours/spray.Use only outdoors or in a well ventilatedarea.Wear protective gloves/clothing. Wear respiratory protection.Obtain special instructions before use.Use personal protective equipment as required.Do not handle until all safety precautions have been read and understood.Do not eat, drink or smoke when using this product.</li> <li>Response :-IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.If exposed or</li> </ul>		IMDG Code: 8/II UN No. : 2922 IATA : 8
concerned: Get medical attention advice.Keep cont SWALLOWED: Rinse mouth. Do NOT induce vomitir Remove contact lenses, if present and easy to do. C doctor/physician.IF SWALLOWED: Immediately call to Label or MSDS.Get medical advice/attention if yc contaminated clothing. Rinse with water/shower.A	ainer tightly closed.Wash contaminated clothing before reuse.IF bg.IF IN EYES: Rinse cautiously with water for several minutes. Continue rinsing.Immediately call a POISON CENTER or a POISON CENTER or doctor/physician. Specific treatment: refer bu feel unwell.If on skin or hair: remove/take off immediately all bsorb spillage to prevent material damage.IF ON SKIN: Gently minate removed clothing before reuse. Remove/Take off	

immediately all contaminated clothing

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

## Hazard Pictogram(s) :--



Replace date 30-Dec-2023