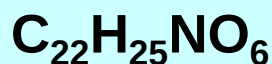




Product Specification

E Control	QC2\DATAD\ID\PS\37805XPS.xls
PRODUCT CODE	37805
PRODUCT NAME	COLCHICINE Meets Analytical Specification of USP
SYNONYMS	--
C.I. NO.	--
CASR NO.	(64-86-8)
ATOMIC OR MOLECULAR FORMULA	C ₂₂ H ₂₅ NO ₆
ATOMIC OR MOLECULAR WEIGHT	399.44
PROPERTIES	---



PARAMETER	LIMIT
Description	Pale yellow to pale greenish yellow crystals, amorphous scale or powder.
Solubility	10% Solution in water is clear.
Identification (FTIR)	Conforms.
Minimum Assay (on anhydrous substance)	98.0%
Specific Rotation [α] _D (C=1% solution in alcohol)	Between -240° to -250°
Absorbance of (0.001% w/v soln. in 95% ethanol) at 243 nm 350 nm	About 0.73 About 0.42
Sulphated ash	Not more than 0.1%
Water	Not more than 2.0%
MAXIMUM LIMIT OF IMPURITIES	
Colchicine	Passes test.
Chromatographic purity	Passes test.
Ethyl acetate (GC)	8.0%
Organic volatile impurities	Meets the requirement.

Note(s) : 1] Assay (if applicable) method mentioned.

2] Store in tight, light resistant containers.

HAZARD DANGER Fatal if swallowed. Fatal if inhaled. May damage fertility or the unborn child. PRECAUTIONARY STATEMENTS Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Wear respiratory protection. Response : Phrase IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Specific treatment is urgent (see MSDS). Rinse mouth.	IMDG Code : 6.1/I UN No. : 1544 IATA : 6.1
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Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



Aspiration hazard



Acute toxicity

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 05.
Sign. :	Sign. :	Sign. :	Revision dt. : 25.03.2015

Date : 14.03.2015	Date :14.03.2015	Date : 25.03.2015	AMEND NO. : 1672
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