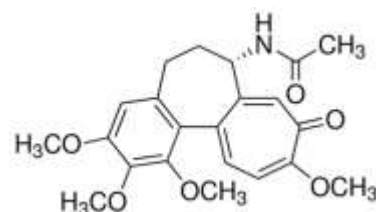


COLCHICINE USED IN RESEARCH IN PLANT

PRODUCT CODE	027805
SYNONYMS	--
C.I. NO.	--
CASR NO.	(64-86-8)
ATOMIC OR MOLECULAR FORMULA	C ₂₂ H ₂₅ NO ₆
ATOMIC OR MOLECULAR WEIGHT	399.45
PROPERTIES	---



PARAMETER	LIMIT
Description	Pale yellow to pale greenish yellow crystals, amorphous scale or powder.
Solubility	5% Solution in ethanol colourless to pale yellow.
Identification (FTIR)	Conforms.
Minimum Assay (HPLC, on anhydrous substance)	98.0%
Specific Rotation [α] _D ²⁰ (C=1% solution in alcohol)	Between -250° to -240°
Absorbance of (0.001% w/v soln. in 95% ethanol)	
at 243 nm	About 0.73
350 nm	About 0.42

MAXIMUM LIMIT OF IMPURITIES	
Sulphated ash	0.1%
Water	2.0%
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.

DANGER Hazard statements: Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects Precautionary statements Prevention: Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response: Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Specific treatment: refer to Label or MSDS. Wash/ Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing Disposal: Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 6.1 / I UN No. : 1544 IATA : 6.1
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Product Specification

cdhfinechemical.com

Hazard Pictogram(s) :



GHS06



GHS08

Replace Date 05-Nov-2025