

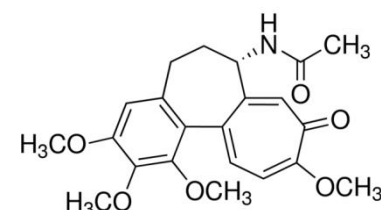


Product Specification

cdhfinechemical.com

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	10% Solution in water is clear.
Identification (FTIR)	Conforms.
Minimum Assay (on anhydrous substance)	98.0%
Specific Rotation [α] _D ²⁰ (C=1% solution in alcohol)	Between -240° to -250°
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: Fatal if inhaled. Fatal if swallowed. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Use only outdoors or in a wellventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Wear respiratory protection. Do not eat, drink or smoke when using this product.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. Keep container tightly closed. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Immediately call a POISON CENTER or doctor/physician

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

IMDG Code : 6.1/I
UN No. : 1544
IATA : 6.1

Hazard Pictogram(s) :-



GHS06