



CERTIFICATE OF ANALYSIS

PRODUCT:	Colchicine; [Isolated from <i>Colchicum autumnale</i>] C ₂₂ H ₂₅ NO ₆ , M.W. 399.4, CAS# [64-86-8]
PRODUCT NUMBER:	C-1164
LOT NUMBER:	A9060
APPEARANCE:	White Solid
SOLUBILITY:	Soluble in DMSO, water or 100% ethanol.
PURITY (HPLC):	99.2%
MELTING POINT:	150 - 160°C (decomp.)
WATER CONTENT:	1.52%
ETHYLACETATE & WATER CONTENT:	7.2%
OPTICAL ROTATION:	-244.1°
IDENTITY (¹ H-NMR and IR):	Identical to standard reference
PRODUCT DESCRIPTION:	Antibiotic. Inhibitor of microtubules by specific binding to tubulin. Induces apoptosis.
STORAGE & HANDLING:	Keep cool and dry at +4 °C. PROTECT FROM LIGHT and MOISTURE! <u>WARNING</u> : VERY TOXIC!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT