

## CERTIFICATE of ANALYSIS

**PRODUCT:** **Daunorubicin . HCl**  
[Daunomycin . HCl]  
C<sub>27</sub>H<sub>29</sub>NO<sub>10</sub> • HCl; M.W. 527.5 . 36.5; CAS# [23541-50-6]

**PRODUCT NUMBER:** C-2282

**LOT NUMBER:** D1036

**APPEARANCE:** Orange-Red powder

**SOLUBILITY:** Soluble in H<sub>2</sub>O or methanol

**PURITY (HPLC):** ≥ 95%

**PRODUCT INFORMATION:** Potent anti-cancer agent whose potential target site may be mitochondrial cytochrome c oxidase. Inhibits RNA and DNA synthesis. Also inhibits eukaryotic topoisomerase I & II. Induces DNA single strand breaks and apoptosis in HeLaS3 tumor cells.

**STORAGE & HANDLING:** Store desiccated at -20°C. **PROTECT FROM MOISTURE!**  
WARNING: **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:

