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CERTIFICATE OF ANALYSIS

Cat No.: BIO-172

Product: **DOXORUBICIN HYDROCHLORIDE**

Cas Number: [25316-40-9]

Lot Number: 439063

Chemical Formula: $C_{27}H_{29}NO_{11} \cdot ClH$

Molecular Weight: 580.00

pH: 5.40 (0.5% w/v solution)

Water Content: 1.36% by KF

Solubility: Water

Appearance: Red orange crystalline powder

Bacterial endotoxins: <1.1 EU/mg

Impurities: Methanol: 1ppm
Dichloromethane: 2ppm

Storage: Cool dry place

Assay: 98.56% by HPLC (on anhydrous basis)

