



西安菲斯弗生物科技有限公司
Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Idarubicin hydrochloride

CAS: 57852-57-0

Batch Number: FTF0240923 **Batch Quantity:** 100g

Manufacture Date: Sep.21th,2024 **Analysis Date:** Sep.22th,2024 **Certificate Date:** Sep.23th,2024

Storage Store in cool & dry place. Store in well-closed containers.
Shelf life 3 years when properly stored.

Test Items	Standard	Result
Characteristics	Orange red or red brown crystalline powder	Complies
Identification	HPLC Complies	Complies
Water	≤5.0%	Complies
PH	5.0~6.5	5.8
Specific rotation	+188°~+202°	Complies
Related substances	Idarubicinone≤1.0% Single impurity ≤1.0% Total impurities ≤3.0%	Complies
Residualsolvent	Ethanol ≤3000ppm Methanol ≤3000ppm Methylene ≤600ppm Dioxane ≤380ppm	Complies
Residue on ignition	≤0.5%	Complies
Heavy metals	≤10ppm	Complies
Assay	98.0-101.0%	99.70%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 **INSPECTOR:** 黄子烨

