



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204774
Lot Number: SAMPLE
Product Name: Idarubicin Hydrochloride
CAS Number: 57852-57-0
Molecular Formula: $C_{26}H_{27}NO_9 \cdot HCl$
Molecular Weight: 533.95
Native Source: Synthetic

Test	Specification	Result
Appearance	Orange-red powder; odorless	Complies
Purity (UHPLC)	$\geq 98.0\%$	99.8%
Melting Point	183 - 185 °C	Complies
pH	5.0 - 6.0	6.0
Residue on Ignition	< 0.1%	0.05%
Solubility	Soluble in water	Complies
Heavy Metals	< 0.001%	Complies
Related Substances	Individual < 1.0%	0.4%
	Total < 3.0%	1.6%
Water Content	< 5.0%	2.8%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com