



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-202270
Lot Number: SAMPLE
Product Name: Oxaliplatin
CAS Number: 61825-94-3
Molecular Formula: $C_8H_{14}N_2O_4Pt$
Molecular Weight: 397.3

Test	Specification	Result
Appearance	It should be white or almost white, crystalline powder; odorless; slightly soluble in N,N' – dimethylformamid, very slightly soluble in water and methanol; almost insoluble in chloroform and aether	Complies
Microanalysis	Total aerobic microbial count ≤ 100 CFU/g; Count of Mold and Yeast fungus ≤ 10 CFU/g	40 CFU/g; < 10 CFU/g
Assay (Dried Basis)	98.0% ~ 102.0%	100.5%
Identification	1. Weigh about 50mg of the sample, adding a few sulfocarbamide. Add sufficient water, then heat. The solution should be yellow. 2. The retention time of the major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay. 3. The IR spectrum of sample corresponds to that of reference standard	Complies
Clarity of Solution	The solution should be clear and colorless	Complies
Specific Rotation	+74.0 ~ +78.0°	+76.2°
Acidity	5.0 ~ 7.0	6.5
Loss on Drying	$\leq 0.5\%$	0.4%
Total Impurities	$\leq 0.3\%$	0.20%
Impurity A	$\leq 0.1\%$	0.06%
Impurity B	$\leq 0.1\%$	0.06%
Impurity C	$\leq 0.1\%$ (single impurity $\leq 0.1\%$; total impurity $\leq 0.1\%$)	Undetected (single impurity: undetected; total impurity: undetected)
Silver	≤ 5.0 ppm	< 5.0 ppm

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