



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-213996B
Lot Number: SAMPLE
Product Name: 2,4-Dichlorophenoxyacetic Acid-13C6
CAS Number: 150907-52-1
Molecular Formula: $(^{13}\text{C})_6\text{C}_2\text{H}_6\text{Cl}_2\text{O}_3$
Molecular Weight: 226.99
Native Source: Synthetic

Test	Specification	Result
Appearance	White to pale beige solid	White solid
Identification (NMR)	Conforms to structure	Conforms
Identification (13C-NMR)	Conforms to structure	Conforms
Identification (Mass Spectrometry)	Conforms to structure	Conforms
Isotopic Purity	> 95%	99.2%
Purity (HPLC)		97.46% (205 nm)
Solubility		Aqueous Base (Slightly), DMSO (Slightly)
Carbon Content		42.00%
Hydrogen Content		2.48%

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