



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-364316
Lot Number: SAMPLE
Product Name: D-(-)-Citramalic acid lithium salt
CAS Number: 6236-10-8 (free acid)
Molecular Formula: $C_5H_8O_5 \cdot Li$
Molecular Weight: 148.11 (free acid basis)

Test	Specification	Result
Appearance	White to off-white powder or crystals	White powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (GC)	$\geq 95\%$	99.3%
Specific Rotation ($\alpha_{20/D}$)	$-19.0 \pm 2.0^\circ$ (C=0.5 in hydrochloric acid)	-19.5°
Carbon Content	38.73 % (theory, monolithium salt)	36.19%
Hydrogen Content	5.20 % (theory, monolithium salt)	5.13%
Lithium		Complies

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