



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251614
Lot Number: SAMPLE
Product Name: 10-Chloro-1-decanol
CAS Number: 51309-10-5
Molecular Formula: $C_{10}H_{21}ClO$
Molecular Weight: 192.73

Test	Specification	Result
Appearance	Clear colourless to yellow to pale brown liquid	Clear colourless liquid
Identification (1H -NMR)	Consistent with structure	Complies
Purity (1H -NMR)	> 94.0%	> 95.0%
Purity (GC)	> 94.0%	99.3%
Solution (Clarity)	Forms a clear colourless solution in $CDCl_3$, no particulates.	Forms a clear colourless to pale yellow to pale brown solution in $CDCl_3$, no particulates
Refractive Index		1.4594 at 18.9 °C
Water Content (KF)	< 2.5%	No water detected

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