



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-236284
Lot Number: SAMPLE
Product Name: Paclobutrazol
CAS Number: 76738-62-0
Molecular Formula: $C_{15}H_{20}ClN_3O$
Molecular Weight: 293.79

Test	Specification	Result
Appearance (Color)	2145-70 (Cotton Balls) 2143-70 to 2147-70 RM-1 to RM-4, or RM-31	RM-1 (Super White)
Appearance (Form)	Fine to Fluffy Powder	Fine, Fluffy Powder
Purity (HPLC)	≥95%	95.1%
Average Time to Dissolve	Within 1 min	Complies
Melting Point	163 - 168 °C	164 - 166 °C
pH		8.08
Precipitation Formation	None	None
Solubility	Soluble in DMSO	Complies
Solution (Clarity)	Clear	Complies
Solution (Color)	Colorless	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