



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-238090C
Lot Number: SAMPLE
Product Name: (2-Hydroxypropyl)- γ -cyclodextrin
CAS Number: 128446-34-4
Molecular Formula:
Molecular Weight: ~1580 (avg.)

Test	Specification	Result
Appearance	White to almost white powder, odorless	Complies
Assay	$\geq 98\%$	99.7%
Identification		Complies
pH	5.0 - 8.5	6.6
Residue on Ignition	$\leq 0.2\%$	0.07%
Solubility		Freely soluble in water, soluble in ethanol, almost insoluble in acetone
Heavy Metals	≤ 10 ppm	< 10 ppm
Impurity Absorption	230 - 350 nm: ≤ 0.5 350 - 660 nm: ≤ 0.5	Complies Complies
Hydroxypropoxy	17.5 - 29.1%	25.1%
Propylene Glycol	$\leq 0.5\%$	Not detected
Water Content	$\leq 10.0\%$	3.8%
E. Coli	Absence	Not detected
Mold/Yeast	≤ 100 cfu/g	≤ 10 cfu/g

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