



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-236489
Lot Number: SAMPLE
Product Name: Propyl red
CAS Number: 2641-01-2
Molecular Formula: $C_{19}H_{23}N_3O_2$
Molecular Weight: 325.40

Test	Specification	Result
Appearance (Color)	Green/grey to deep green/grey/black	Black-green
Appearance (Form)	Powder to fine crystals	Fine crystals
Identification (1H -NMR)	Consistent with structure	Complies
Identification (TLC)	Consistent with standard	Complies
Melting Point	173 - 175 °C	175 °C
Solution (Color)	Red to very deep red	Very deep red
Solution (Turbidity)		Clear (< 3.5 NTU)
Extinction Coefficient	≥ 700	886
Wavelength	449 - 459 nm	453.2 nm

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