



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-226896
Lot Number: SAMPLE
Product Name: 5-[4-(Dimethylamino)phenyl]-1,3-cyclohexanedione
CAS Number: 144128-70-1
Molecular Formula: $C_{14}H_{17}NO_2$
Molecular Weight: 231.29

Test	Result
Appearance	Pale yellow powder
Identification (1H-NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Melting Point	191.3 - 195.5 °C
Carbon Content	72.71%
Hydrogen Content	7.77%
Nitrogen Content	6.05%

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.

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