



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215635A
Lot Number: SAMPLE
Product Name: Orange OT
CAS Number: 2646-17-5
Molecular Formula: $C_{17}H_{14}N_2O$
Molecular Weight: 262.31

Test	Specification	Result
Appearance	Red to dark red solid	Complies
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (HPLC)	> 95%	98.69% (230 nm)
Purity (TLC)		96%
Carbon Content	77.84%	76.61%
Hydrogen Content	5.38%	5.11%
Nitrogen Content	10.68%	10.24%

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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