



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-269621
Lot Number: SAMPLE
Product Name: N-(1-Naphthyl)-N-phenylmethacrylamide
CAS Number: 141029-31-4
Molecular Formula: $C_{20}H_{17}NO$
Molecular Weight: 287.36

Test	Result
Appearance	Off white crystalline powder
Identification (1H-NMR)	Consistent with structure
Identification (13C-NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Purity (GC)	99.7%
Melting Point	111.2 - 118.7 °C
UV/Visible Spectrum	E222 = 49675; E284 = 8959 0.00994 G/L, MeOH
Carbon Content	83.37%
Hydrogen Content	5.86%
Nitrogen Content	4.79%

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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