



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-233963
Lot Number: SAMPLE
Product Name: Benzophenone-carbonyl-13C
CAS Number: 32488-48-5
Molecular Formula: $(^{13}\text{C})_2\text{C}_{12}\text{H}_{10}\text{O}$
Molecular Weight: 183.21

Test	Specification	Result
Appearance	Off-white crystals	Complies
Identification (1H-NMR - FT)		Consistent with requirement
Identification (13C-NMR)		Consistent with requirement
Identification (TLC)	Single spot observed	Complies
Isotopic Enrichment	≥ 99 atom% 13C	99 atom% 13C
Purity (1H-NMR - FT)		Consistent with requirement
Purity (13C-NMR)		Consistent with requirement
Purity (GC)	$\geq 99\%$	> 99%
Melting Point	Consistent with standard	47 - 48 °C

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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