

1. Identification

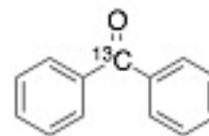
Catalogue Number

B428003

Lot Number

T-368

Structure



Product Name

Benzophenone-13C

Synonyms

CAS Number

32488-48-5

Solubility

Acetone (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂¹³CH₁₀O

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

183.21

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Low-Melting Solid to Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.80% (258 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.5%

Additional Information

Normalized Intensity: ¹³C₀ = 0.46%, ¹³C₁ = 99.54%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Iuri Lutenco

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

12/10/2020

Retest Date

12/08/2027