



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

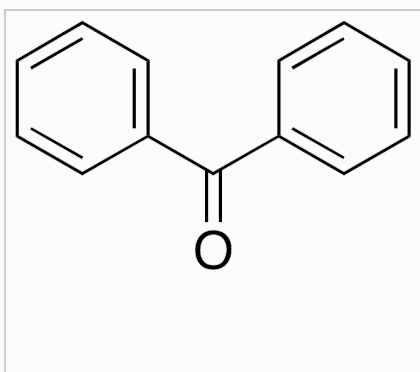
Catalogue Number: B204980

CAS Number: 119-61-9

Product: Benzophenone

Synonym: Diphenylmethanone; Adjutan 6016; BLS 531; Benzoylbenzene; Darocur BP; Diphenyl Ketone; Kayacure BP; Kayacure BP 100; Lowlite 24; NSC 8077; Phenyl Ketone; Runtacure 1020; Speedcure BP; α -Oxodiphenylmethane; α -Oxoditan; Diphenhydramine EP Impurity E

Structure:



Molecular Formula:

$C_{13}H_{10}O$

Molecular weight:

182.22

Source of Product:

N/A

Solubility:

Chloroform, Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 1-FGD-606-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Low-Melting Solid	Off-White Solid
Elemental Analysis	Conforms	%C: 85.79, %H: 5.75
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (255 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Hanxiang Li	Toni Rantanen	Christina Gouliaras	6/7/2021	6/5/2025

Hanxiang Li

Toni Rantanen

Christina Gouliaras