



CERTIFICATE OF ANALYSIS

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1. Identification

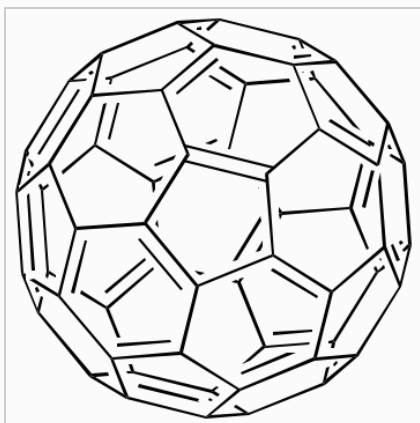
Catalogue Number: F862543

CAS Number: 99685-96-8

Synonym: Buckminsterfullerene; Buckminsterfullerene (C60); Buckyball; C60 Fullerene; Carbon (C60); Carbon (C60) fullerene; Carbon (C60) mol.; Carbon cluster (C60); Carbon, mol. (C60); Follene-60; Footballene; Footballene (C60); Fullerene; Fullerene C60 cluster; Fullerene-60; Fullerene-C60; Icosahedral C60; Nano-C60; Nanom Purple; Nanom Purple N 60S; Nanom Purple ST; Nanom Purple ST-A; Nanom Purple SU; Soccerballene; Tris-PC61BOE; XFC 01; [5,6]Fullerene C60; [60]Fullerene

Product: Fullerene C60

Structure:



Molecular Formula:

C₆₀

Molecular weight:

720.64

Source of Product:

N/A

Solubility:

Benzene (Very Slightly), THF (Very Slightly, Heated, Sonicated)

Lot Number: 18-SBL-159-1

Purity: 95%

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	Very Dark Grey to Black Solid	Very Dark Grey to Black Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 94.89
HPLC Purity	Report Result	99.70% (335 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 ± 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
Nicole Yip	Toni Rantanen	Chanell Chu	10/19/2021	10/17/2025
				