



Nanjing JCNANO Technology Co., LTD
CERTIFICATE OF ANALYSIS

CAS NO.	99685-96-8	Product Name	Fullerene - C60
Formula:	C60	Formula Weight:	720.64 g/mol
Manufacture Date	2024.03.11	Date of Analysis	2024.03.13
Quantity	1500g	Standard	Enterprise Standard
Batch Number	SC240311		

Item	Specification	Result
Appearance (Color)	Dark brown or Black powder	Black powder
Appearance (Form)	Crystals	Conform
Identification	Elemental analysis Appraisal: Positive	Conform to Composition
	Mass spectrum Appraisal: Positive	Conform to Composition
	Infrared spectrum Appraisal: Positive	Conform to Structure
Purity (HPLC)	≥99.5%	99.75%
Impurity content	PAH/C50	0.00%
	C60 Oxide	0.63%
	C70 and C70 Oxide	0.17%
	High Fullerenes	0.02%
Residual solvent	≤100ppm	No data available
Conclusion	Analyzed, this product complies with Enterprise Standard	

COMMENTS AND INSTRUCTIONS

The relevant data shown in this certificate is credible, and the final interpretation right of the product belongs to the JICANG TECH. For further inquiries, please contact Technical Service.

Purity of C60-995 determined by HPLC

Conditions for analysis:

Column: Buckprep (4.6*250 mm)

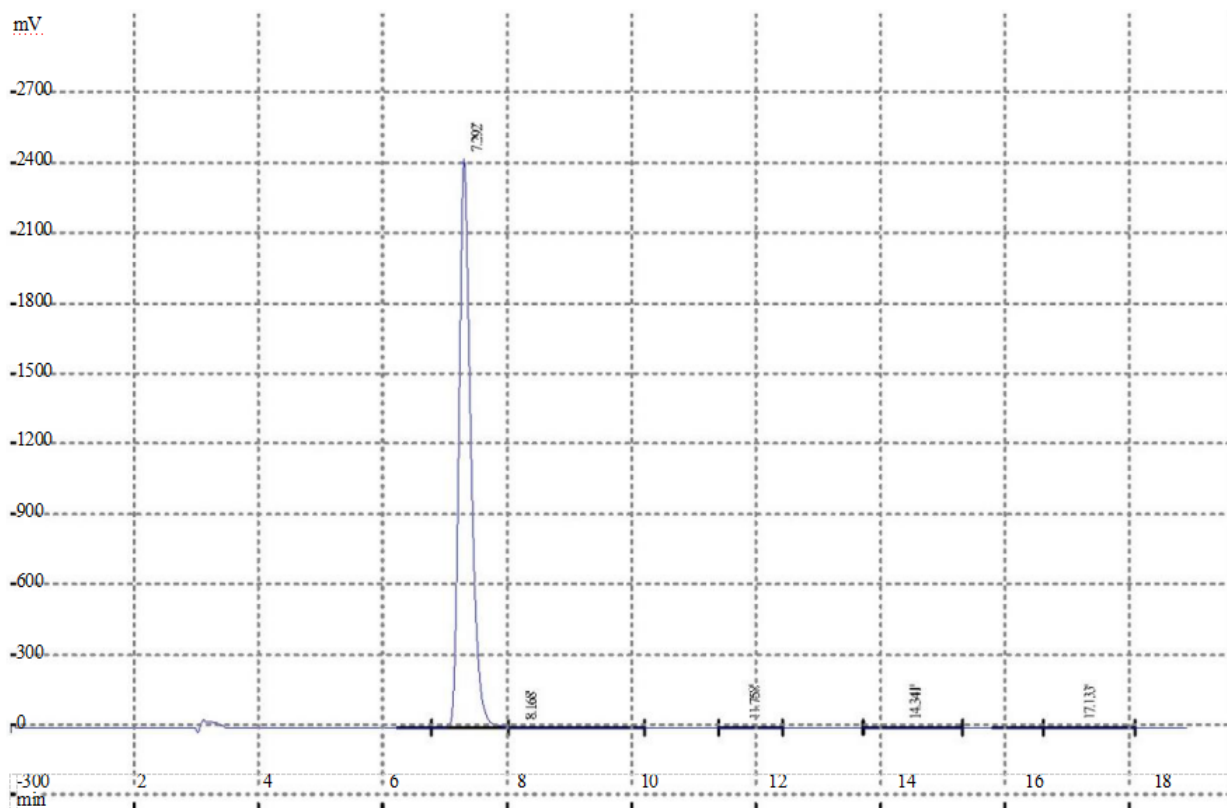
Sample: C60-995 dissolved in toluene

Mobile phase: 100% toluene

Flow rate: 1.0 mL/min

Detection: 310 nm

Temperature: 24°C



Chromatography of C60-995

Purity of C60-995

No.	Retention time	Name	Purity (/%)	Area
1	7.292	C60	99.75	31963178
2	8.168		0.0627	20091
3	11.758		0.04444	14239
4	14.341		0.1248	39987
5	17.133		0.0154	4936
Total			100	

Note: The purity of C60-995 is 99.75%, determined by the ratio total areas.

Quality Inspector: Aaron Yama King

ifier: Abel