

Certificate of Analysis

Date of Testing: 2025-05-24 08:54:25

Date of Next Testing: 2028-05-23 08:54:25

Product Name: **2,2-Di(4-tert-octylphenyl)-1-picrylhydrazyl, free radical (DPPH)**

CAS Number: 84077-81-6

Specifications & Purity:

Lot #: E2514307

SKU #: **D195243**

Version: **0**

Analysis #: **488671**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	65-66.5 (%)	65.30 %
Extinction Coefficient(λ :526 - 534 nmc = 0.01g/L,Hexane)	≥ 9000	12592.00
Extinction(335-343nm,c = 0.01g/L,Hexane)	≥ 11000	15347.00
Appearance (D195243)	Black or Blue-Black Powder,Crystals,chunks	Black or Blue-Black Powder,Crystals,chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager