

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-15 13:52:44

Date of Next Testing: 2027-04-14 13:52:44

Product Name: **Dotriacontane**

CAS Number: 544-85-4

Specifications & Purity: $\geq 98\%$

Lot #: D2311849

SKU #: **D111490**

Version: **2**

Analysis #: **186320**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	69-72 (°C)	71.77000 °C
Purity(GC)	97-100 (%)	98.98400 %
Appearance (D111490)	white to off-white powder,crystals,flakes or chunk	white to off-white powder,crystals,flakes or chunk
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene , Colorless to Light Yellowpass solution,Clear,5%		Pass
Solubility,Colorless to Light Yellow,Clear,10% pass in CHCl ₃		Pass



John Su
QA & QC Manager