

Certificate of Analysis

Date of Testing: 2025-02-13 17:18:46

Date of Next Testing: 2029-02-12 17:18:46

Product Name: **N-(Diphenylmethylene)aminoacetonitrile**

CAS Number: 70591-20-7

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: I1312053

SKU # **D102432**

Version **1**

Analysis #: **469124**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	12.4-13 (%)	12.50 %
Purity(GC)	98-100 (%)	99.34 %
Melting point	83-87 (°C)	83.20000 °C
Carbon by Elemental Analysis	79.7-83.8 (%)	79.76 %
Appearance (D102432)	White to yellow to reddish yellow crystal or powder	White to yellow to reddish yellow crystal or powder
Solubility in 95% EtOH , Colorless to Light Yellow Clear ,c = 50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager