

Certificate of Analysis

Date of Testing: 2025-01-13 13:14:40

Date of Next Testing: 2029-01-12 13:14:40

Product Name: 4,4'-(1,1'-Biphenyl-4,4'-diylldioxy)dianiline

CAS Number: 13080-85-8

Specifications & Purity: $\geq 97\%$

Lot #: A2509180

SKU #: B102222

Version: 0

Analysis #: 351277

Parameter	Limit Values	Result
Melting point	196-200 (°C)	197.80000 °C
Purity(HPLC)	97-100 (%)	98.88700 %
Purity(Titration by HClO ₄)	96.5-103.5 (%)	99.80 %
Appearance (B102222)	White to off-white to gray to red powder, crystals and/or Chunks	White to off-white to gray to red powder, crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in AcOH	almost transparency	almost transparency



John Su
QA & QC Manager