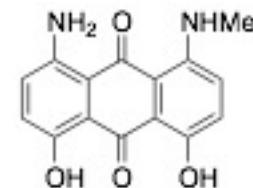


CERTIFICATE OF ANALYSIS

1. Identification

<u>Catalogue Number</u>	<u>Lot Number</u>
M539495	12-JKL-47-2
<u>Product Name</u>	
Mono N-Desmethyl Disperse Polyester Dark Blue (Technical Grade)	

StructureSynonyms

1-Amino-4,5-dihydroxy-8-(methylamino)-9,10-anthracenedione

CAS Number

56524-77-7

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₅H₁₂N₂O₄Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

284.27

Purity

Technical Grade

2. Warnings

Light Sensitive

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Very Dark Beige to Black Solid	Very Dark Blue to Black Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	253 nm, 272 nm, 300 nm, 607 nm, 652 nm

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			7/12/2024	7/10/2031

Farnaz Mahmoudi
Product Quality SpecialistToni Rantanen
Manager, Quality AssuranceChanell Chu
Quality Assurance Associate