

Certificate of Analysis

Date of Testing: 2022-01-26 10:00:01

Date of Next Testing: 2026-01-25 10:00:01

Product Name: **MTT Formazan**

CAS Number: 23305-68-2

Specifications & Purity: $\geq 97.0\%$ (HPLC)

Lot #: A2220170

SKU #: **M158055**

Analysis: **064560**

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

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.31000 %
Melting point	161-169 (°C)	165.50000 °C
Appearance (M158055)	Purple to black powder or solid	Purple to black powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Acetone , Dark Purple, 1 mg/ml	pass	Pass



John Su
QA & QC Manager