

Certificate of Analysis

Date of Testing: 2024-08-20 15:33:52
Date of Next Testing: 2027-08-20 15:33:52
Product Name: **Engeletin**
CAS Number: 572-31-6
Specifications & Purity: $\geq 98\%$
Lot #: H2409469
SKU #: **E414350**
Version: **3**
Analysis #: **390418**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.89900 %
Specific rotation $[\alpha]_{20/D}(c=0.5 \text{ in pyridine})$	$-13 \sim -17 (^{\circ})$	-16.03600°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(E414350)	white to beige Powder	white to beige powder



John Su
QA & QC Manager