

Certificate of Analysis

Date of Testing: 2023-11-29 09:59:04
Date of Next Testing: 2025-11-28 09:59:04
Product Name: **Zebularine**
CAS Number: 3690-10-6
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: K2322193
SKU #: **Z135482**
Analysis: **294290**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.81100%
Nitrogen by Elemental Analysis	11.5-12.8 (%)	11.69%
Carbon by Elemental Analysis	45.9-47.8 (%)	46.90%
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	156-166 (°)	165.90°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager