

Certificate of Analysis

Date of Testing: 2025-03-07 12:16:48

Date of Next Testing: 2028-03-06 12:16:48

Product Name: **Dihydro-DL-orotic acid**

CAS Number: 6202-10-4

Specifications & Purity: $\geq 98\%$

Lot #: C2505284

SKU #: **D331120**

Version: **1**

Analysis #: **474698**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.79000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in aq. NaHCO}_3(1\%))$	-2~2 (°)	-1.10000 °
Appearance(D331120)	White to Off-White Solid	White to off-white solid
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager