

Certificate of Analysis

Date of Testing: 2025-03-07 12:15:26

Date of Next Testing: 2028-03-06 12:15:26

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

CAS Number: 6202-10-4

Specifications & Purity: $\geq 98\%$

Lot #: C2505280

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 $[\alpha]_{20/D}(c=2 \text{ in aq. NaHCO}_3(1\%))$	$-2 \sim 2$ ($^{\circ}$)	-1.10000 $^{\circ}$
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



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QA & QC Manager