

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-21 13:55:45

Date of Next Testing: 2026-09-20 13:55:45

Product Name: **D-Hydroorotic acid**

CAS Number: 5988-53-4

Specifications & Purity: $\geq 98\%$

Lot #: I2308459

SKU # **D338632**

Version **3**

Analysis #: **268666**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	100.23000 %
Specific rotation $[\alpha]_{20/D}(c=1\% \text{ in } 1\% \text{ NaHCO}_3)$	-34--24 (°)	-27.53200 °
Appearance(D338632)	White to Off White Powder or Crystals	White to Off White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager