

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-20 10:06:43

Date of Next Testing: 2029-10-19 10:06:43

Product Name: **Malonic acid dihydrazide**

CAS Number: 3815-86-9

Specifications & Purity: $\geq 99\%$

Lot #: A2213059

SKU #: **M129193**

Version: **1**

Analysis #: **590484**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.32400 %
Carbon by Elemental Analysis	26.3-27.8 (%)	26.88 %
Nitrogen by Elemental Analysis	41-42.9 (%)	42.10 %
Appearance (M129193)	White to almost white to cream powder or crystal	White to almost white to cream powder or crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager