

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-10 19:15:59

Date of Next Testing: 2025-04-09 19:15:59

Product Name: **Dihydrofolic acid**

CAS Number: 4033-27-6

Specifications & Purity:  $\geq 90\%$

Lot #: D2306186

SKU #: **D135507**

Version **0**

**Analysis #:** **185553**

Storage Temperature: Protected from light, Store at -20°C

| Parameter                            | Limit Values                            | Result                                                  |
|--------------------------------------|-----------------------------------------|---------------------------------------------------------|
| Water by Karl Fischer                | 0-14 (%)                                | 3.62000 %                                               |
| Purity(HPLC)                         | 90-100 (%)                              | 100.00000 %                                             |
| Proton NMR spectrum                  | Conforms to Structure                   | Conforms to Structure                                   |
| Solubility in 0.1 N NaOH , ,10 mg/ml | Yellow to Orange,Clear to Slightly Hazy | Yellow to Orange,Clear to Slightly Hazy                 |
| Appearance (D135507)                 | yellow to brown powder                  | Light Beige to Beige to yellow to brown powder or solid |



John Su  
QA & QC Manager