

## Certificate of Analysis

Date of Testing: 2023-01-09 17:28:06

Date of Next Testing: 2027-01-08 17:28:06

Product Name: **Folic acid**

CAS Number: 59-30-3

Specifications & Purity: USP grade

Lot #: A2306184

SKU #: **F103637**

Version: **0**

Analysis #: **052809**

Storage Temperature: Protected from light

| Parameter                                                                 | Limit Values               | Result                     |
|---------------------------------------------------------------------------|----------------------------|----------------------------|
| Ignition Residue                                                          | 0-0.3 (%)                  | 0.11 %                     |
| Purity(HPLC)                                                              | 97-100 (%)                 | 98.69300 %                 |
| Water by Karl Fischer                                                     | 0-8.5 (%)                  | 6.07 %                     |
| Appearance (F103637)                                                      | Yellow to Orange<br>Powder | Yellow to Orange<br>Powder |
| Identity                                                                  | pass                       | Pass                       |
| Proton NMR spectrum                                                       | Conforms to Structure      | Conforms to Structure      |
| Residual solvents                                                         | complies                   | complies                   |
| Solubility in 1M NaOH , Yellow to Orange, Clear to Slightly Hazy, 50mg/ml | pass                       | Pass                       |



John Su  
QA & QC Manager