

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-16 14:10:01  
Date of Next Testing: 2027-03-16 14:10:01  
Product Name: **5-Methyltetrahydrofolic acid disodium salt**  
CAS Number: 68792-52-9  
Specifications & Purity: ≥88%  
Lot #: C2411076  
SKU #: **M341481**  
**Analysis: 132025**  
Storage Temperature: Store at -20°C

| Parameter   | Limit Values   | Result   |
|---|--|--|
| Water by Karl Fischer   | ≤18 (%)  | 9.00 %   |
| Sodium (Na)(anhydrous)  | 7.1-11.1 (%)   | 10.00 %  |
| UV/Vis absorbance(Based on EmM at 290 nm=30.8)(anhydrous)   | ≥88 (%)  | 92.00000 %   |
| Appearance(M341481)   | Faint Yellow to Very Dark Yellow and Faint Beige to Very Dark Beige Powder | Faint Yellow to Very Dark Yellow and Faint Beige to Very Dark Beige Powder |
| Solubility(25 mg/ml,H2O),Very Light Yellow to Yellow and Very Light Green-Yellow to Green-Yellow Clear Liquid | Pass   | Pass   |
| NMR Spectrum 1H   | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager