

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-18 14:47:41  
 Date of Next Testing: 2026-12-18 14:47:41  
 Product Name: **3,5-Dimethyl-1-pyrazolylformaminidum nitrate**  
 CAS Number: 38184-47-3  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: L2411740  
 SKU #: **D138769**  
 Version: **1**  
 Analysis #: **452223**  
 Storage Temperature: Room temperature

| Parameter                              | Limit Values                             | Result                                   |
|----------------------------------------|------------------------------------------|------------------------------------------|
| Purity(HPLC area)                      | 97-100 (%)                               | 98.93000 %                               |
| Assay(Titration by HClO <sub>4</sub> ) | 96.5-103.5 (%)                           | 100.94000 %                              |
| NMR Spectrum 1H                        | Conforms to Structure                    | Conforms to Structure                    |
| Appearance(D138769)                    | White to Beige Powder,Crystals or Chunks | White to Beige Powder,Crystals or Chunks |



John Su  
QA & QC Manager