

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-18 09:45:23

Date of Next Testing: 2028-07-17 09:45:23

Product Name: **Vanillic acid**

CAS Number: 121-34-6

Specifications & Purity:  $\geq 98\%$

Lot #: G2408407

SKU #: **V104428**

Version: **0**

Analysis #: **374617**

Storage Temperature: Room temperature

| Parameter                        | Limit Values                                | Result                                      |
|----------------------------------|---------------------------------------------|---------------------------------------------|
| Purity(HPLC)                     | 98-100 (%)                                  | 99.44300 %                                  |
| Purity(Neutralization titration) | 97.5-102.5 (%)                              | 99.51000 %                                  |
| Melting point                    | 210-215 (°C)                                | 211.15000 °C                                |
| Appearance (V104428)             | White to Light Yellow to Light Brown powder | White to Light Yellow to Light Brown powder |
| Solubility in MeOH               | almost transparency                         | almost transparency                         |
| Infrared spectrum                | Conforms to Structure                       | Conforms to Structure                       |



John Su  
QA & QC Manager