

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-24 11:02:54

Date of Next Testing: 2029-12-23 11:02:54

Product Name: **2',4'-Dihydroxyacetophenone**

CAS Number: 89-84-9

Specifications & Purity:  $\geq 99\%$

Lot #: C2201560

SKU #: **D103149**

Version **1**

Analysis #: **623950**

| Parameter            | Limit Values                                                                      | Result                                                                            |
|----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Melting point        | 142-148 (°C)                                                                      | 147.69800 °C                                                                      |
| Purity(HPLC)         | 98-100 (%)                                                                        | 99.80820 %                                                                        |
| Appearance (D103149) | White to Light yellow to Light red to Orange to Brown powder to crystal or chunks | White to Light yellow to Light red to Orange to Brown powder to crystal or chunks |
| Proton NMR spectrum  | Conforms to structure                                                             | Conforms to Structure                                                             |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager