

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-16 08:54:36

Date of Next Testing: 2029-12-15 08:54:36

Product Name: **4,4'-Difluorobenzophenone**

CAS Number: 345-92-6

Specifications & Purity:  $\geq 99\%$

Lot #: L2512105

SKU #: **M106424**

Version: **1**

**Analysis #:** **502059**

Storage Temperature: Room temperature

| Parameter            | Limit Values                 | Result                       |
|----------------------|------------------------------|------------------------------|
| Purity(GC)           | 99-100 (%)                   | 99.73000 %                   |
| Melting point        | 107-110 (°C)                 | 109.35000 °C                 |
| Loss on drying       | 0-0.25 (%)                   | 0.05200 %                    |
| Appearance (M106424) | White or light yellow powder | White or light yellow powder |
| Proton NMR spectrum  | Conforms to structure        | Conforms to Structure        |



John Su  
QA & QC Manager