

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-11 13:59:37  
 Date of Next Testing: 2029-02-10 13:59:37  
 Product Name: **2-Phenylacetophenone**  
 CAS Number: 451-40-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: D2129129  
 SKU #: **P108570**  
 Version: **1**  
 Analysis #: **468613**  
 Storage Temperature: Store at 2-8°C

| Parameter            | Limit Values                                                    | Result                                                          |
|----------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Melting point        | 49-59 (°C)                                                      | 57.80000 °C                                                     |
| Purity(GC)           | 98-100 (%)                                                      | 98.30000 %                                                      |
| Appearance (P108570) | white to Almost white to yellow powder, crystals, and/or chunks | white to Almost white to yellow powder, crystals, and/or chunks |
| Proton NMR spectrum  | Conforms to structure                                           | Conforms to Structure                                           |



John Su  
QA & QC Manager