

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-31 14:35:55  
Date of Next Testing: 2029-01-30 14:35:55  
Product Name: **(S)-3-Phenylcyclohexanone**  
CAS Number: 57344-86-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2331691  
SKU #: **P337741**  
Version: **1**  
Analysis #: **645447**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.23%
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	-22--18 (°)	-20.00°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(P337741)	White or Colorless to Almost white or Almost colorless powder to lump to clear liquid	White or Colorless to Almost white or Almost colorless powder to lump to clear liquid



John Su  
QA & QC Manager