

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-21 11:39:05  
Date of Next Testing: 2027-09-20 11:39:05  
Product Name: **tert-Butyl carbazate**  
CAS Number: 870-46-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: 12319084  
SKU #: **B106949**  
Version: **0**  
Analysis #: **060210**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	39-43 (°C)	41.55000 °C
Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	97.5-102.5 (%)	100.50000 %
Purity(GC)	98-100 (%)	99.32000 %
Appearance (B106949)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless to Faint Yellow ,Clear 100 mg/mL, MeOH	pass	Pass



John Su  
QA & QC Manager