

## Certificate of Analysis

Date of Testing: 2024-06-03 11:41:40  
Date of Next Testing: 2028-06-02 11:41:40  
Product Name: [3S-(3 $\alpha$ ,4 $\alpha$  $\beta$ ,8 $\alpha$  $\beta$ )]-N-(tert-Butyl)decahydro-3-isoquinolinecarboxamide  
CAS Number: 136465-81-1  
Specifications & Purity: 97%  
Lot #: H1229031  
SKU #: B101374  
Version: 0  
Analysis #: 363590

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.32000 %
Purity(NonaqueousTitration)	96.5-103.5 (%)	97.28 %
Melting point	113-117 (°C)	114.18000 °C
Specific Rotation [a] <sub>20</sub> /D(c=1 in MeOH)	-76--70 (°)	-71.29 °
Appearance (B101374)	white powder	White powder



John Su  
QA & QC Manager