

## Certificate of Analysis

Date of Testing: 2023-12-19 10:00:10  
Date of Next Testing: 2025-12-18 10:00:10  
Product Name: **Phthaloyl-DL-alanine**  
CAS Number: 19506-87-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2420365  
SKU #: **N132696**  
Version: **0**  
Analysis #: **305959**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	160-166 (°C)	162.80000 °C
Purity(HPLC)	98-100 (%)	98.36600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su  
QA & QC Manager