

## Certificate of Analysis

Date of Testing: 2022-11-14 09:05:09  
Date of Next Testing: 2026-11-13 09:05:09  
Product Name: **H-Asp(OBzl)-OBzl·TosOH**  
CAS Number: 2886-33-1  
Specifications & Purity: 98%  
Lot #: C1511057  
SKU #: **A109214**  
Analysis: **154416**

Parameter	Limit Values	Result
Melting point	157-161 (°C)	159.25400 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.31 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	7-10 (°)	7.47 °
Purity(HPLC)	98-100 (%)	98.31800 %
Appearance (A109214)	White Powder or Crystalline Powder	White Powder or Crystalline Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager