

## Certificate of Analysis

Date of Testing: 2022-07-04 15:25:52  
Date of Next Testing: 2026-07-03 15:25:52  
Product Name: **N-Carbobenzyloxyglycine**  
CAS Number: 1138-80-3  
Specifications & Purity: 98%  
Lot #: G2201689  
SKU #: **Z110912**  
**Analysis: 109155**

| Parameter   | Limit Values                          | Result                                |
|---|---------------------------------------|---------------------------------------|
| Purity(HPLC)  | 98-100 (%)                            | 99.02300%                             |
| Purity(Neutralization titration)                    | 97.5-102.5 (%)                        | 98.21%                                |
| Melting point                                       | 118-122 (°C)                          | 119.00000 °C                          |
| Appearance (Z110912)                                | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in MeOH , clear, colorless solution,2.5% | pass                                  | Pass                                  |
| Proton NMR spectrum                                 | Conforms to Structure                 | Conforms to Structure                 |



John Su  
QA & QC Manager