

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-13 16:31:07

Date of Next Testing: 2026-12-13 16:31:07

Product Name: **N-Carbobenzoxy-D-tyrosine**

CAS Number: 64205-12-5

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: B2321908

SKU #: **I133536**

Version: **0**

Analysis #: **449293**

Storage Temperature: Room temperature

| Parameter                                                | Limit Values                       | Result                             |
|----------------------------------------------------------|------------------------------------|------------------------------------|
| Melting point                                            | 97-101 (°C)                        | 97.50000 °C                        |
| Purity(Neutralization titration)                         | 98-100 (%)                         | 98.50000 %                         |
| Purity(HPLC)                                             | 98-100 (%)                         | 98.60000 %                         |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in AcOH})$ | -12--8 (°)                         | -8.04000 °                         |
| Appearance (I133536)                                     | White to Off-White Powder or Solid | White to Off-White Powder or Solid |
| Infrared spectrum                                        | Conforms to Structure              | Conforms to Structure              |



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QA & QC Manager