

## Certificate of Analysis

Date of Testing: 2025-09-12 11:07:39

Date of Next Testing: 2029-09-11 11:07:39

Product Name: **L-Tyrosine tert-butyl ester**

CAS Number: 16874-12-7

Specifications & Purity:  $\geq 98\%$

Lot #: K2125434

SKU #: **T109225**

Version: **1**

Analysis #: **570666**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                | Limit Values                 | Result                       |
|----------------------------------------------------------|------------------------------|------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$ | 23-27 (°)                    | 25.20°                       |
| Purity(HPLC)                                             | 98-100 (%)                   | 98.50000 %                   |
| Melting point                                            | 140-145 (°C)                 | 141.00000 °C                 |
| Appearance (T109225)                                     | White or light yellow powder | White or light yellow powder |
| Proton NMR spectrum                                      | Conforms to structure        | Conforms to Structure        |



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