

## Certificate of Analysis

Date of Testing: 2025-06-18 11:06:33

Date of Next Testing: 2029-06-17 11:06:33

Product Name: **D-Phenylalaninol**

CAS Number: 5267-64-1

Specifications & Purity:  $\geq 98\%$

Lot #: I2103235

SKU # **P100530**

Version **0**

Analysis #: **526401**

Storage Temperature: Argon charged

| Parameter                                                           | Limit Values                       | Result                             |
|---------------------------------------------------------------------|------------------------------------|------------------------------------|
| Specific Rotation $[\alpha]_{20/D(c=1.2 \text{ in } 1\text{NHCl})}$ | 20-26 ( $^{\circ}$ )               | 22.20 $^{\circ}$                   |
| Melting point                                                       | 90-94 ( $^{\circ}\text{C}$ )       | 92.75800 $^{\circ}\text{C}$        |
| Purity(HPLC)                                                        | 98-100 (%)                         | 98.70800 %                         |
| Appearance (P100530)                                                | White to yellow powder or crystals | White to yellow powder or crystals |
| Proton NMR spectrum                                                 | Conforms to Structure              | Conforms to Structure              |



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