

Certificate of Analysis

DL-O-Tyrosine

Cat. No.: HY-107848 CAS No.: 2370-61-8 Batch No.: 431364

Chemical Name: Phenylalanine, 2-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{11}NO_3$ Molecular Weight: 181.19

Storage: 4°C, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

Chemical Structure:

$$\bigcap_{OH}^{O}OH$$

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.23%

Optical Rotation: 0.067°(C=0.84g/100ml 1m HCL)

The product has been tested and complies with the given specifications. Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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