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Specification Sheet

Product Name: L-Phenylalanine-¹³C₉, ¹⁵N

Specifications & Purity: 98 atom% ¹³C, 98 atom% ¹⁵N, 95% (CP), 97% (Chiral Purity)

SKU# **L471830**

Parameter Limit Values

 $\begin{array}{lll} \text{NMR Spectrum 1H} & \text{Conforms to Structure} \\ \text{Purity(HPLC area)} & 95\text{-}100 \text{ (\%)} \\ \text{Isotopic purity(13C)} & 98\text{-}100 \text{ (atom\%)} \\ \text{Isotopic purity(15N)} & 98\text{-}100 \text{ (atom\%)} \\ \text{Specific rotation } [\alpha] 20/D(\text{C=1,H2O}) & -35.0 \text{--}31 \text{ (°)} \\ \end{array}$

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