Certificate of Analysis

Val-Cit

Cat. No.: HY-140014
CAS No.: 159858-33-0
Batch No.: 259229

Chemical Name: L-Ornithine, L-valyl-N5-(aminocarbonyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_{22}N_4O_4$ Molecular Weight: 274.32

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$H_2N \underset{O}{\bigvee} H \underset{N}{\bigvee} H \underset{N}{\bigvee} H_2$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.38%

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

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

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