Certificate of Analysis

L-Arginine (butanoate)

Cat. No.: HY-N0455D CAS No.: 80407-72-3 Batch No.: 291597

Chemical Name: L-Arginine, butanoate (3:4)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{14}N_4O_2.4/3C_4H_8O_2$

Molecular Weight: 291.67

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

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

Purity (NMR): ≥98.0%

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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