Certificate of Analysis

Darifenacin

Cat. No.: HY-A0033

CAS No.: 133099-04-4

Batch No.: 325720

Chemical Name: 3-Pyrrolidineacetamide, $1-[2-(2,3-dihydro-5-benzofuranyl)ethyl]-\alpha,\alpha-diphenyl-, (3S)-$

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{30}N_2O_2$ Molecular Weight: 426.55

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.54%

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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