Certificate of Analysis

Methyl L-pyroglutamate

Cat. No.: HY-32291 CAS No.: 4931-66-2 Batch No.: 248399

Chemical Name: Methyl pyroglutamate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_9NO_3$ Molecular Weight: 143.14

Storage: Pure form -20°C 3 years

2 years

-80°C In solvent 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

Purity (GC): 99.62% Water(KF): 0.30% OR(C=0.99g/100mL,ETOH): 9.6°

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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