Certificate of Analysis

Benzoin

Cat. No.: HY-B1550 CAS No.: 119-53-9 Batch No.: 248418

Chemical Name: Ethanone, 2-hydroxy-1,2-diphenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{12}O_2$ 212.24 Molecular Weight:

Storage: Powder -20°C 3 years

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

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

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

Purity (GC): 99.84% OR(C=0.70g/100ml CHCL3): -0.75° Residue on Ignition: 0.05% Water(KF): 0.02%

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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