

## **Certificate of Analysis**

## Acetyl tributyl citrate

 Cat. No.:
 HY-W010981

 CAS No.:
 77-90-7

 Batch No.:
 318623

Chemical Name: 1,2,3-Propanetricarboxylic acid, 2-(acetyloxy)-, 1,2,3-tributyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{20}H_{34}O_8$  Molecular Weight: 402.48

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

Purity (GC): 98.42% Water(KF): 0.32%

**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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