

Certificate of Analysis

Mid-chain triglyceride of caprylic/caprolic acid

Cat. No.: HY-Y1911 Batch No.: 67104

Chemical Name: Mid-chain triglyceride of caprylic/caprolic acid

PHYSICAL AND CHEMICAL PROPERTIES

Pure form Storage: -20°C 3 years

> 4°C 2 years

Chemical Structure:

Mid-chain triglyceride of caprylic/caprolic acid

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

Acid value: 0.01mgKOH/g Saponification value: 337mgKOH/g Hydroxyl value: 2.6mgKOH/g

Hazen color: 30% Unsaponifiable: <0.1% Water content%(W/W): 0.03% Refractive index: 1.4491% Fatty acid C6: <0.1% Fatty acid C8: 56.8% Fatty acid C10: 42.9% Fatty acid C12: 0.1% Fatty acid C14: <0.1% Fatty acid >=C16: <0.1% Viscosity(20): 32 mPas

Peroxid value: <0.1 meq O/kg Iodine value: 0.2%g O/100g Alkal.reac.subst: 0.01ml HCl/2g

Relative density(20): 0.947 Sulphated ash: <0.01% Heavy Metals(Pb): <10mg/kg

 Chrome:
 <0.05mg/kg</td>

 Copper:
 <0.1mg/kg</td>

 Nickel:
 <0.1mg/kg</td>

 Tin:
 <0.1mg/kg</td>

 Ash:
 <=0.10%</td>

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA