

Gelucire 44/14

Cat. No.: HY-Y1892
CAS No.: 121548-04-7
Batch No.: 149948
Chemical Name: Gelucire 44/14

PHYSICAL AND CHEMICAL PROPERTIES

Storage: Pure form -20°C 3 years
 4°C 2 years

Chemical Structure:

Gelucire 44/14

ANALYTICAL DATA

Appearance: Off-white to light yellow (Oil)
Purity: $\geq 96.0\%$
Acid value : 0.60 mgKOH/g
Saponification Value : 83 mgKOH/g
Hydroxyl Value : 49 mgKOH/g
Iodine Value : ≤ 2.0 gI₂/100g
Peroxide Value : < 0.10 meqO₂/kg
Alkaline Impurities : < 1.0 ppm NaOH
Water(KF) : 0.05%
Free Glycerol Content : $\leq 3.0\%$
Caprylic Acid (C8) : 5.70%
Capric Acid (C10) : 5.10%
Lauric Acid (C12) : 43.90%
Myristic Acid (C14) : 18.40%
Palmitic Acid (C16) : 10.80%
Stearic Acid (C18) : 12.40%
Total Ashes Content : $\leq 0.10\%$
Heavy Metals Content (pb) : < 10 ppm
Ethylene Oxide Content : < 1 ppm
1,4-Dioxane Content : < 1 ppm

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