



KS

Nutripharma

陕西康盛生物技术有限公司

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Certificate of Analysis

| | | | |
|--|---|------------------|--------------------------|
| Product Name | MCT Oil | | |
| Batch No. | KS-S-20220306 | Manufacture Date | Mar.06,2022 |
| Batch Quantity | 1500KG | Analysis Date | Mar.07,2022 |
| ITEMS | SPECIFICATIONS | RESULTS | Unit |
| C8 | 50-65 | 61.8 | % |
| C10 | 30-45 | 38.1 | % |
| C12 | ≤ 3.0 | 0.1 | % |
| C14 | ≤ 1.0 | 0.0 | % |
| C16 and higher | ≤ 1.0 | 0.0 | % |
| Appearance | Clear Liquid | Clear Liquid | / |
| Color | ≤ 100 | 12 | Hazen |
| Identification USP | A, B | Complies | / |
| Identification EP | B, C | Complies | / |
| Relative Density (d ₂₀ /20) | 0.93-0.96 | 0.9447 | / |
| Refractive Index (n _D ²⁰) | 1.440-1.452 | 1.4486 | / |
| Viscosity (20°C) | 25-33 | 29.6 | mPa.s |
| Alkaline Impurities | ≤ 0.15 | < 0.15 | MI 0.01 N HCL |
| Cloud Point | ≤ -5.0 | < -5.0 | °C |
| Acid Value | ≤ 0.1 | 0.026 | Mg KOH/g |
| Hydroxyl Value | ≤ 5 | 1.5 | Mg KOH/g |
| Iodine Value | ≤ 1.0 | 0.1 | Mg I ₂ /100mg |
| Peroxide Value | ≤ 1.0 | 0.0 | Meq/kg |
| Saponification Value | 325-345 | 337.5 | Mg KOH/g |
| Unsaponifiable matter | ≤ 0.5 | < 0.5 | % |
| Water | ≤ 0.2 | 0.04 | % |
| Ash | ≤ 0.1 | < 0.1 | % |
| Heavy Metals (Pb) | ≤ 10 | < 10 | Ppm |
| Fatty Acid Composition | ≥ 95 | > 95 | % |
| C6 | ≤ 2.0 | 0.0 | % |
| Conclusion | Qualified | | |
| Package | 20KG Iron Drum | | |
| Storage | Store in a dry and cool place and protect it from light, heat and moisture. | | |
| Shelf life | 24 months when properly stored. | | |
| QC | Qu Jiaojiao | QA | Li Jia |