



ORIGIO® OIL

Liquid Paraffin

Pre-washed and rigorously tested
for ART procedures



Liquid Paraffin

ORIGIO Liquid Paraffin is a high-quality, pharmaceutical-grade, light liquid paraffin oil that has been widely used in ART for many years.

CooperSurgical Fertility and Genomic Solutions is the only supplier to test their oil products using Atomic Fingerprinting, a comprehensive method to quantitatively analyze the physicochemical properties of an oil using a combination of several techniques, including Fourier Transform Infrared Spectroscopy (FTIR), Nuclear Magnetic Resonance Spectroscopy (NMR), Gas Chromatography coupled with Flame Ionization Detection (GC-FID), and Kinematic Viscosity methods. This test provides quantitative molecular information on Liquid Paraffin.

To ensure a high-quality product documented for embryo culture, Liquid Paraffin is extensively tested for peroxide values, sterility, endotoxin level (< 0.1 EU/mL) and 1-cell extended Mouse Embryo Assay (MEA). Liquid Paraffin by ORIGIO is pre-washed with HSA-containing media to remove any potential lipophilic and hydrophilic endotoxins¹.

Product Specifications

- Sterile filtered light paraffin oil of pharmacopoeia grade
- Recommended storage in the dark² at 2-8°C³
- Shelf life is 52 weeks after date of manufacturing
- Shelf life after opening is 28 days



Ordering Information

Product Code	Product Name	Volume
10100060	Liquid Paraffin	60ml
10105060	Liquid Paraffin	5 x 60ml
10100500	Liquid Paraffin	500ml

1. Morbeck, DE et al. (2010) Washing mineral oil reduces contaminants and embryotoxicity. Fertil Steril 94: 2747-2752.
2. Otsuki, J et al. (2007) Peroxidation of mineral oil used in droplet culture is detrimental to fertilization and embryo development. Fertil Steril 88: 741-743.
3. Otsuki, J et al. (2009) Damage of embryo development caused by peroxidized mineral oil and its association with albumin in culture. Fertil Steril 91: 1745-1749.