



ORIGIO® OIL

# Liquid Paraffin

Pre-washed and rigorously tested  
for ART procedures



**CooperSurgical**

Fertility and Genomic Solutions

# 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 is pre-washed with HSA-containing media to remove any potential lipophilic and hydrophilic endotoxins.<sup>1</sup>

## Product Specifications

- Sterile filtered light paraffin oil of pharmacopoeia grade
- Recommended storage in the dark<sup>2</sup> at 2-8°C<sup>3</sup>
- Shelf life is 52 weeks after date of manufacturing
- Shelf life after opening is 28 days



## Ordering Information

Product Code	Product Name	Volume
1010060	Liquid Paraffin	60ml
1010506	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.