



SAGE OIL

Oil for Tissue Culture

Rigorously tested for ART procedures



Oil for Tissue Culture

SAGE Oil for Tissue Culture is a high-quality, pharmaceutical-grade, light mineral 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 physiochemical 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 Oil for Tissue Culture.

To ensure a high-quality product documented for embryo culture, Oil for Tissue Culture is extensively tested for peroxide values, sterility, endotoxin level (< 0.1 EU/mL) and 1-cell extended Mouse Embryo Assay (MEA).

Product Specifications

- Sterile filtered light mineral oil of pharmacopoeia grade
- Recommended storage in the dark¹ at 2-8°C
- Shelf life is 2 years after date of manufacturing



Ordering Information

| Product Code | Product Name | Volume |
|--------------|--|--------|
| ART-4008 | Oil for Tissue Culture, Glass Bottle | 100ml |
| ART-4008-5 | Oil for Tissue Culture, Glass Bottle | 500ml |
| ART-4008-P | Oil for Tissue Culture, Plastic Bottle | 100ml |
| ART-4008-5P | Oil for Tissue Culture, Plastic Bottle | 500ml |

1. 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.