

Liquid Paraffin

- Designed for culture of human embryos
- Light paraffin oil of pharmacopoeia and foodstuff grade



Liquid Paraffin

Liquid Paraffin is non-reactive, deprived of embryo toxic components and with a low viscosity for easy handling. Liquid paraffin is CE marked and 510(k) cleared.

The raw material is a highly refined pure light liquid paraffin of pharmacopoeia and foodstuff grade, stored in non-reactive and sealed containers to avoid oxidation and contamination.

Washing procedure

Liquid Paraffin is pre-washed using Universal IVF Medium. The balance of inorganic salts and human serum albumin (HSA) in the washing procedure bind potential embryo toxic components.

After washing, the Liquid Paraffin is sterile filtered and Sterility, Endotoxin and MEA tested as part of the quality control procedure before the product can be released for sale.



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Benefits with Liquid paraffin

- Sterile filtered light paraffin oil of pharmacopoeia and foodstuff grade
- Sterile filtered light paraffin oil are superior to washed mineral oil (Tae et al. 2006)
- Pre-washed with HSA containing medium remove potential endotoxins
- Low endotoxin level (<0.1EU/ml)

Recommendations

- Keep dark – exposure to sun light and UV have been shown to increase POV (peroxide value) (Otsuki et al. 2007)
- Store cold (2-8°C) to prevent peroxidation (Otsuki et al. 2009)

Quality control testing

Sterility
Endotoxin
Mouse Embryo Assay (MEA)

For each batch a Certificate of Analysis with the result of the above tests is available on www.origio.com.

Catalog No.

1010 0500 Liquid Paraffin, 500 ml
1010 0060 Liquid Paraffin, 60 ml
1010 5060 Liquid Paraffin, 5 x 60 ml

The product is supplied with a comprehensive package insert.