

GM501 Mineral Oil

Material included in the package:

- 100 ml GM501 Mineral Oil
- 500 ml GM501 Mineral Oil

Material not included in the package:

- Incubator (at 37°C)
- Petri dishes
- LAF-bench (ISO Class 5)
- Microscope
- Test tubes
- Cell culture media

Composition:

- Mineral Oil
- CAS code: 8042-47-5
- EP Monograph: 0240

Product code:

- 4 MO 0100
- 4 MO 0500

General Information:

- GM501 Mineral Oil (density 0.83 - 0.86 g/ml) is pre-washed twice with ultra-pure water. GM501 Mineral Oil has to be pre-incubated for 5 hours with the lid closed at 37°C

Intended use/Intended users:

- GM501 Mineral Oil is a ready-to-use oil for covering the medium during IVF/ICSI treatment. GM501 Mineral Oil protects the medium from evaporation and thereby stabilizes pH and temperature.
- The intended users are IVF professionals (lab technicians, embryologists or medical doctors).

Instructions for use:

- GM501 Mineral Oil is a pre-washed ready-to-use oil, so no further preparations are necessary.
- After pre-incubation (5 hours/37°C) overlay the culture medium with GM501 Mineral Oil until it is completely covered.

Product specifications and quality control:

- Pharmaceutical grade mineral (paraffin) oil.
- A certificate of analysis is available for each batch upon request from our website with respective lot number.
- The MSDS for GM501 Mineral Oil is available upon request and can also be downloaded from our website.
- GM501 Mineral Oil is manufactured according to the following specifications:

Density (g/ml)	0.83-0.86
Viscosity (at 30°C/cP)	< 30
Sterility	sterile - SAL 10 ⁻³ (Sterility Assurance Level)
Endotoxins (EU/ml)	< 0.10
MEA (Blastocysts after 120 h in culture in %)	≥ 80
Peroxide Value (POV) (mEq/kg)	< 0.1



Consult instructions for use



Do not use if package is damaged



Temperature limitation



Sterilized using aseptic processing techniques (filtration)



Lot number



Keep away from sunlight



Use by



Catalogue number

Precautions and warnings:

- Handle all specimens as if capable of transmitting HIV or hepatitis. Always wear protective clothing when handling specimens.
- Always work under strict hygienic conditions (e.g. LAF-bench ISO Class 5) to avoid possible contamination.
- Only for the intended use.
- The oil may appear cloudy if removed from the incubator and allowed to stand at room temperature for extended periods of time. Such cloudiness usually disappears if the oil is re-equilibrated by replacing it in the incubator for several hours, if it does not disappear discard the product.

Pre-use checks:

- Do not use the product if bottle, seal of the container or package is opened or defective when the product is delivered.
- Do not use the product if it becomes discoloured, cloudy or shows any evidence of microbial contamination.

Storage instructions and stability:

- The shelf life is 18 months from time of manufacture.
- Store between 15-25°C.
- Keep the product in the original packaging or shield from light while not in use.
- Do not freeze before use.
- Keep away from (sun) light.
- The product can be used safely for at least 28 days after opening the container when sterile conditions are maintained and the products are stored at room temperature.
- Do not use after expiry date.
- Cannot be reesterilized after opening.

For technical support:

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