# Technical Data Sheet

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| **Revised by:** | Annette Roy, Regulatory |

| **Product Name: Micrewtube®** | **Catalogue No.: T332-7SPR** |
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| **This document replaces any previous version** | |

## 1. Product Description:

- **2 ml Micrewtube®:** Sterile, Printed, conical bottom tube with Silicone washer seal screw cap and attachment loop. Caps are pre-attached and screwed on.

## 2. Packaging:

- **Case:** 10 bags of 50 for a total of 500 units per case

## 3. Product Specifications:

- Material:
  - Polypropylene tube
  - Polypropylene cap
  - Silicone washer seal
- Certified RNase, DNase, Pyrogen and DNA Free
- Gamma radiation sterilized at a SAL of $10^{-3}$; specified dose between 6.5 kGy and 13.5 kGy
- Temperature range: -196°C to +121°C.
- Autoclavable at 121°C, for up to 30 minutes
- Tubes have printed graduations and white marking area
- Centrifuged up to 20 000g

## 4. Standards and Conformity:

- **ISO 2859-1:** Sampling and inspection procedures
- **FDA:** Resin conforms to FDA 21 CFR 177.1520
- **USP:** Resin conforms to USP Class VI
- **CONEG:** Plastics and colorants are in conformity with CONEG standards for heavy metals
- **REACH (SVHC):** Plastic is in conformity to REACH standards
- **LATEX:** Material is Latex Free
- **BSE / TSE:** Material is BSE / TSE Free

## 5. Quality Assurance:

- Clear, no presence of contamination in plastic
- Visual attributes
- Volume measurements
- Closure verification
- Leak proof testing in vacuum at 71.3cm Hg
- Gas phase of Liquid Nitrogen resistance

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## 6. Traceability:

- **Lot No. Composition:** 8 or 9 digits

- **The lot number can be found in one or all of these locations:**

1. On exterior case label
2. On label inserted inside the master case
3. On the inner bag

## 7. Storage Conditions:

- Store at room temperature in normal warehouse conditions
- Avoid temperature variations and humidity
- Protect from any possible contamination
- Protect from any damage to the packaging

## 8. Recommended Use:

- Verify proper cap closure when using biohazard material and / or chemical reagents
- Follow chemical resistance chart recommendations
- For use in automated equipment, follow the equipment manufacturer's instructions
- Should be used only in the gas phase of Liquid Nitrogen

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