Technical Data Sheet

Edition Date:	2005-10-08
Revision Date :	2020-05-06
Revised by:	Annette Roy, Regulatory

Product Name: Micrewtube®	**Catalogue No.: T332-5SPR**
This document replaces any previous version	

1. Product Description:

- **1.5ml Micrewtube®:** Sterile, conical bottom, printed graduated 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 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

DOMINIQUE DUTSCHER SAS

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

OWNERSHIP OF MATERIALS:

*Materials and information contained in this document are **Simport Scientific**'s copyrighted and are protected by worldwide copyright laws and treaty provisions. They may not be copied, reproduced, modified, published, uploaded, posted, transmitted or distributed in any way.*

DOMINIQUE DUTSCHER SAS