Technical Data Sheet

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Product Name: Cryovial®	**Catalogue No.: T210-2A**
This document replaces any previous version	

1. Product Description:

- **2ml Cryogenic Vial with Cap:** Sterile, disposable, self-standing tube with bottom 2D insert, external threaded design assembled with washer-seal cap.

2. Packaging:

- **Case:** 5 bags of 100 units / 500 units per case

3. Product Specifications:

- Material:
  - Tube: Polypropylene
  - Cap: Polypropylene
  - Washer Seal: Silicone
  - Bottom 2D insert: Polypropylene
- 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 writing area
- 2D Datamatrix barcoded Insert on bottom of the tube

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 / RoHS:** Plastics and colorants are in conformity with CONEG / RoHS 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
- **MEA:** Material has passed MEA testing

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

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, which could compromise the product sterility

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