

## Certificate of Analysis

**Product name: Heart Valve Cryomedia Solution (HVCS) SNBTS**

**Product code(s): 04-321**

**Batch Numbers: 19170405**

**Date Manufactured: 25 Apr 2017**

**Expiry Date: 24 Apr 2018**

**Appearance: Clear Liquid**

**Quality Control:**

	Acceptable Ranges	This batch result
pH	7.20-7.40	7.24
Conductivity( $\mu$ s/cm)	9000-11000	10300
Osmolarity(mOsm/L)	1950-2150	2057

**Preservatives used: None**

**Sterility:** Terminally filtered with 0.2 $\mu$ m filter in grade B clean room and product tested for sterility using various microbiological methods before clearance.

**Storage:** Frozen

**Country of Origin:** United Kingdom

### Health and Safety:

#### Precautionary Notes

Dimethyl Sulfoxide (DMSO) is classed as an 'Irritant' and care should be taken with this reagent as it contains 10% DMSO. It is readily absorbed through the skin and skin contamination should be washed off immediately with copious amounts of water.

**Signed for Quality Assurance:**

**Date: 09 May 2017**

