

**SHCS Sheep Hepatocytes Cryopreserved for Suspension assays  
Cell Specification – Certificate of Analysis (CoA)**

Lot SH251121-1

Batch Release: February 24, 2026

**Donor data**

Species: Sheep

Gender: male

Age: approximately 9 months

**Cryopreservation and Thawing**

**Cryopreservation:**

Date: Nov 21, 2025  
Amount per vial:  $8.1 \times 10^6$  cells

**Thawing:** n=2

Post-thaw viability:  $97.4 \pm 0.5$  %  
Post-thaw yield per vial:  $1.48 \pm 0.36 \times 10^6$  cells  
Recovery:  $18.3 \pm 4.5$  %

**Only one spin required. No washing step.**

**Suspension culture**

Viability test on orbital shaker (Heidolph Rotamax, 200 rpm at 37 °C with  $0.5 \times 10^6$  cells in 0.5 ml HPM-Cryo in round bottom glas tubes): n=1

Time (h)	0	0.5	1	1.5
Viability (%)	97.9	92.7	79.1	77.2

Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.

**Note for thawing process: Only one spin at 200 x g, 10 min., 20 °C is required. No washing step needed.**

**Store at -150 °C or in the vapour phase of LN<sub>2</sub>**

This product should be considered as potential biohazard. Only intended for *in vitro* use.

Issued by: A. Sattler

Verified by: J. Schuldt