

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

Lot SH251121-2

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:  $8.0 \times 10^6$  cells

**Thawing:** n=2

Post-thaw viability:  $93.7 \pm 2.0$  %

Post-thaw yield per vial:  $1.12 \pm 0.08 \times 10^6$  cells

Recovery:  $14.1 \pm 1.0$  %

**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	2
Viability (%)	91.7	86.7	78.2	71.9	72.4

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

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