

**DHCS Cryopreserved Duck (Mallard duck) Hepatocytes for Suspension Assays
Cell Specification – Certificate of Analysis (CoA)**

Lot DH160804-3

Batch Release: Sept 21, 2016 – update Oct 1, 2020

Species: Mallard duck
Gender: female

Age: approx. 4-6 months

Cryopreservation:

Date: August 04, 2016
Amount per vial: 10.9×10^6 cells

Thawing: n=2

Post-thaw viability: 85.1 ± 6.0 %
Post-thaw yield per vial: $2.8 \pm 0.7 \times 10^6$ cells
Recovery: 25.5 ± 6.4 %

Viability test on orbital shaker (100-150 rpm at room temperature with 0.54×10^6 cells in 0.7 ml HPM Cryo):

Time (h)	0	0.5	1	1.5	2
Viability (%)	80.8	75.7	67.1	68.8	59.2

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

Store at -150 °C or in the vapour phase of LN₂

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

Issued by: M. Thiede
Updated by: A. Ullrich

Verified by: J. Jia
Verified by: T. Krimmling