

# **Purified Human Pancreatic Islets, Interim Certificate of Analysis (Product Code PHPI-A-01) – Standard Operating Procedure of the NIH Clinical Islet Transplantation Consortium**

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Document Title:

**PURIFIED HUMAN PANCREATIC ISLETS,  
INTERIM CERTIFICATE OF ANALYSIS  
(PRODUCT CODE PHPI-A-01)**

Manufacturing Facility: \_\_\_\_\_

Islets Lot Number: \_\_\_\_\_ Recipient Study ID #: \_\_\_\_\_

Recipient Medical Record Number: \_\_\_\_\_

**Product Formulation:**

Manufacture Date: \_\_\_\_\_  
(Date 1<sup>st</sup> Infusion Bag filled)

Number of Bags in Lot: \_\_\_\_\_

Storage Condition: + 15°C to + 30°C

COMPONENT	CONCENTRATION
Islet Equivalents (IEQ)	≥ 4.0 X 10 <sup>3</sup> IEQ/kg of Recipient Body Weight (Total IEQ/infusion)
Albumin Human USP	2.5%
CMRL 1066 Transplant Media, Contains HEPES and without Sodium Bicarbonate	q.s. to 200 mL per bag

TEST	REQUIREMENT	RESULTS
<b>IDENTITY</b>		
<b>Recipient Identity</b>	Recipient Study ID # and Recipient Medical Record Number on this CoA and on each infusion bag label are identical to that in the Production Batch Record, Section 12.3	Bag 1: _____ Bag 2: _____ Bag 3: _____
<b>Islets Identity</b>	Islets are present in each product bag	Bag 1: _____ Bag 2: _____ Bag 3: _____
<b>VOLUMES IN BAGS</b>		
<b>Suspension Volume</b>	200 mL per product bag ≤ 600 mL total in three product bags	Bag 1: _____ mL Bag 2: _____ mL Bag 3: _____ mL Total: _____ mL
<b>Settled Tissue Volume</b>	≤ 7.5 mL per product bag ≤ 15.0 mL total in three product bags	Bag 1: _____ mL Bag 2: _____ mL Bag 3: _____ mL Total: _____ mL
<b>POTENCY</b>		
<b>High Purity Islets GSIR Index (Pre-culture Sample)</b>	For Information Only	GSIR Index: _____
<b>Islets Quantity</b>	<u>First Infusion:</u> ≥ 5.0 X 10 <sup>3</sup> IEQ/kg of Recipient's Body Weight (Total IEQ/infusion) <u>Subsequent Infusions:</u> ≥ 4.0 X 10 <sup>3</sup> IEQ/kg of Recipient's Body Weight (Total IEQ/infusion)	Bag 1: _____ IEQ/kg Bag 2: _____ IEQ/kg Bag 3: _____ IEQ/kg Total: _____ IEQ/kg

