



CERTIFICATE OF ANALYSIS

Product Information

Product Name	HuSu-TRANS-TR-H&N
Source	Provided on demand
Storage Conditions	Liquid Nitrogen– Vapor Phase Only
Special Handling	Minimize exposure to non-liquid nitrogen temperatures, especially room temperature transfers
Date of Expiration	6 months from date of shipment if stored in Liquid Nitrogen

Quality Testing & Results

Test	Specification	Result
Mycoplasma	Negative	Negative
Appearance, Container Integrity	Conforms	Conforms
Appearance, Suspension Appearance	Conforms	Conforms
Cell Count	> 0.5x10 ⁶ viable cells/vial	>0.5x10 ⁶ viable cells/vial
Cell Viability	>92%	>92%
Biomarker CDKN2A	>95% positive	100%
Biomarker PI6NK4A	>95% positive	100%
Clonogenicity	Positive	Positive
Endotoxin	<3 EU/mL	<3 EU/mL
Bio Burden - Sterility	Negative	Negative

Supporting Data

Safety Data	Representative Final Product lots were found non-tumorigenic and non-toxic
Donor Specimen (DS)	This DS has met all release criteria including donor selection criteria, consent for umbilical cord blood donation, virus testing (HIV1/2, HBV & HBC)

General Information

Organism	Homo sapiens, human
Biosafety level	1
Disease	Cancerous – Malignant Tumor
Age	Lot Specific
Gender	Lot-specific
Ethnicity	Indian
Applications	Cancer Biology Research & Development
Product Format	Frozen (Customizable)

Product Handling

Caution: The user should treat all human cells as potential pathogens. Wear protective clothing and eyewear. Practice appropriate disposal techniques for potentially pathogenic or biohazardous materials. For Research Use Only. Not for use in Clinical procedures.