Product Information

Catalogue Name	TRANS-MSC
Catalogue Number	TRANS-MSC
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

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 CD73	>95% positive	100%
Biomarker CD90	>95% positive	100%
Biomarker CD105	>95% positive	100%
Biomarker HLA−DR	<2% positive	<2% positive
Adipogenic Differentiation	Positive	Positive
Osteogenic Differentiation	Positive	Positive
Chondrogenic Differentiation	Positive	Positive
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	Normal
Age	Lot Specific
Gender	Lot-specific
Ethnicity	Indian
Applications	Applications for use include the study of stem cell biology, hematology, transplantation, and oncology
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. If you have any further questions about this Certificate of Analysis, please contact Technical Services at (+91 8501050105)