

Certificate of analysis

Product Name/Description: Cellartis® MSC Xeno-Free GMP Grade Culture Medium
Cat. #: Y50210
Lot #: AM70003S
Storage Conditions: 2 to 8 degrees C and below -30 degrees C
Expiration Date: July 2023

Package Size: 1 Kit

Package Contents:

Package 1	1. Cellartis® MSC Xeno-Free GMP Grade Basal Medium	475 ml
Package 2	2. Cellartis® MSC Xeno-Free GMP Grade Supplement	25 ml

Note: Cellartis® MSC Xeno-Free GMP Grade Basal Medium:
Do not freeze.
Once Cellartis® MSC Xeno-Free GMP Grade Supplement is added to this component, it must be used within one month.

Cellartis® MSC Xeno-Free GMP Grade Supplement:
Once this component is thawed, it must be used immediately.
Do not re-freeze.

Quality Control Data:

Cellartis® MSC Xeno-Free GMP Grade Basal Medium

Test items	Specifications	Results
1) Sterility Testing	Negative	Negative
2) Mycoplasma Testing	Negative	Negative
3) pH	7.1 - 7.5	7.3
4) Endotoxin Testing	< 1.0 EU/mL	< 0.1 EU/mL
5) Osmolarity	290 - 320 mOsm/kg	309 - 313 mOsm/kg

Cellartis® MSC Xeno-Free GMP Grade Supplement

Test items	Specifications	Results
1) Sterility Testing	Negative	Negative
2) Endotoxin Testing	< 10.0 EU/mL	< 1.0 EU/mL

It is certified that this product meets the above specifications.

Approved By:

Manager, Quality Assurance
Takara Bio Inc.

Notice To Purchaser:

Our products are to be used for Research Use Only. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Product Documents, Patent Markings, Trademarks, & Safety Information:

Refer to website for availability to download or contact your local office:

www.takara-bio.co.jp (Japanese)

www.takarabio.com (English)

Licence Statements:

Please visit our website and click the "license" button on the product's web page.

©2020 Takara Bio Inc. All Rights Reserved.

All trademarks are the property of Takara Bio Inc. or its affiliate(s) in the U.S. and/or other countries or their respective owners. Certain trademarks may not be registered in all jurisdictions.