



Certificate of Analysis

**NEUROBASAL(R) Medium (1X), liquid
– L-Glutamine**

Catalog Number: 21103
Lot Number: 2063920

Storage Temperature: 2 to 8C
Storage Instructions: Store in the dark
Expiration Date: 2020-03

For research use only. Not for use in diagnostic procedures.

TEST	SPECIFICATION	RESULT	UNITS
¹ Endotoxin Testing	<=1.0	<0.03	EU/mL
² Neurobasal Performance Assay	Acceptable	Acceptable	
³ Osmolality	>=205 to <=245	214	mOsm/kg
⁴ pH	>=7.1 to <=7.5	7.3	
⁵ Sterility Testing	Negative	Negative	

NOTICE: Effective 6/8/2018, the reference for Neural Performance Assay has been revised. Should you have any questions, please contact Technical Services at 1-800-955-6288.

Read SDS

Quality Systems Department

Date: 01-Apr-2019

REFERENCES:

- 1 Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- 2 Neurobasal Medium is evaluated for the ability to support the viability of Primary Rat Hippocampus Neurons. Each lot is tested for 14 days using Primary Rat Hippocampus Neurons grown in Neurobasal and all appropriate components. On day 14, cells will be stained using a Cell Viability Indicator component from a Neurite Outgrowth Staining Kit. Plate will be read on a Fluorescent Plate Reader collecting RFU values then converted into a percentage format. Test Neurobasal Medias must be > or = 80% of the control to be acceptable.
- 3 Thermo Fisher Scientific Specifications.
- 4 Thermo Fisher Scientific Specifications.
- 5 Current Edition of USP, Thermo Fisher Scientific Modified.