

Certificate of Analysis

Product Description: SD Medium-Leu-Trp (Pouches)
Catalog Number: 4823065; 4823075; 48230X2
Lot: 154235

Formula: N/A
CAS #: N/A
Physical Description: White Powder

Formula Weight: N/A
Storage: 15 - 30°C

Test	Specification	Result
Clarity and Color of the medium solution (after autoclave)	Report Results	Clear, Pale Yellow Solution
Clarity and Color of the medium solution (with Agar, after autoclave)	Report Results	Clear, Yellow Solution
pH (after autoclave)	4.0 - 4.8	4.35
pH (with Agar, after autoclave)	Report Result	5.37
pH (harvest)	Report Result	2.93
Cell Growth Test	Passes	Passes

Components: 1.7g YNB, 5 g Ammonium Sulfate, 20 g Dextrose, 0.65 g CSM-Leu-Trp (see below for CSM-Leu-Trp formulation).

CSM-Leu-Trp with 20 mg/L Ade	Formulation in 1 liter product
Drop-Out Supplements	Amount (mg)
Adenine	20
L-Arginine Hydrochloride	50
L-Aspartic Acid	80
L-Histidine Hydrochloride	20
L-Isoleucine	50
L-Leucine	0
L-Lysine Hydrochloride	50
L-Methionine	20
L-Phenylalanine	50

L-Threonine	100
L-Tryptophan	0
L-Tyrosine	50
Uracil	20
L-Valine	140
Total	650

Add 27.4 g of SD Medium-Leu-Trp to a liter of water with or without Agar (17 g), and autoclave at 121°C for 15 minutes for the final use.

Recommended Retest Date (MM/DD/YYYY): 05/31/2025



05/18/2021 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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