

Certificate of Analysis

Product Description: CSM-Ade-His-Leu-Met-Trp-Ura (Powder)
Catalog Number: 45602X2; 4560212; 4560222
Lot: 152114

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 (with DOB, after autoclave)	Report Results	Clear, pale yellow solution
Clarity and Color of the medium solution (with DOBA, after autoclave)	Report Results	Clear, brown solution
pH (with DOB, after autoclave)	4.0 - 4.8	4.25
pH (with DOBA, after autoclave)	Report Result	5.38
pH (with DOB, harvest)	Report Result	3.05
Cell Growth Test	Passes	Passes

FORMULATION:

Drop-Out	Supplements	mg/L
Adenine		0
L-Arginine	HCl	50
L-Aspartic	Acid	80
L-Histidine	HCl	0
L-Isoleucine		50
L-Leucine		0
L-Lysine HCl		50
L-Methionine		0
L-Phenylalanine		50
L-Threonine		80
L-Tryptophan		0
L-Tyrosine		50

Uracil	0
L-Valine	140
Total	550

Chosen reagents are combined in the proper proportions according to the formulation and milled to a powder which thoroughly blends the reagents for uniform distribution. Media are tested and chosen for their ability to promote optimum growth of yeast strains when combined with the DOB (or DOBA). DOB (Drop Out Base) is 1.7g Yeast Nitrogen Base, 5g Ammonium Sulfate, 20g Dextrose per liter. DOBA is DOB with 1.7% agar.

Add 0.55 g of CSM-Ade-His-Leu-Met-Trp-Ura to each liter of DOB or DOBA and autoclave at 121°C for 15 minutes for the final use.

CSM-Ade-His-Leu-Met-Trp-Ura powder is hygroscopic, therefore minimize exposure to air to prolong storage of powder mixture.

Recommended Retest Date (MM/DD/YYYY): 03/31/2025



03/12/2021 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)