

Complete Supplement Mixture w/o ADE

G103

Complete Supplement Mixture w/o ADE is used as a dropout supplement for all strains of *Saccharomyces cerevisiae*.

Composition** :

Ingredients	Milligrams/Litre
L-Arginine HCl	50.00
L-Aspartic acid	80.00
L-Histidine HCl	20.00
L-Isoleucine	50.00
L-Leucine	100.00
L-Lysine HCl	50.00
L-Methionine	20.00
L-Phenylalanine	50.00
L-Threonine	100.00
L-Tryptophan	50.00
L-Tyrosine	50.00
Uracil	20.00
L-Valine	140.00

** Formula adjusted, standardized to suit performance parameters

Directions:

Suspend 780 mg in 1000 ml distilled water. Sterilize by autoclaving at 115°C for 20 minutes. Mix well and dispense as desired.

Principle and Interpretation:

Complete Supplement Mixture w/o ADE is used as a dropout supplement for all strains of *Saccharomyces cerevisiae*. Complete Supplement Mixture (CSM) is composed of all the amino acids required for the vigorous growth of *Saccharomyces cerevisiae*. It also contains uracil. CSM w/o ADE does not contain adenine. This makes it a dropout growth medium for yeast cells. It can be mixed with yeast nitrogen base (YNB), ammonium sulphate and an appropriate carbon source (glucose/galactose/raffinose) to produce a media suitable for the growth of adenine prototrophs and wild type strains of *S. cerevisiae* but adenine auxotroph cannot grow in this media. Therefore, CSM w/o ADE can be used as drop-out formulation for the selection of auxotrophic requirements and transformants.

Please refer disclaimer Overleaf

1



Registered Office

HiMedia Laboratories Pvt Ltd.

Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Area,
Thane, (West) 400604, Maharashtra, INDIA.
Customer Care No.: 00-91-22-6116 9797
Tel : 00-91-22-6147 1919, 6903 4800

Fax : 6147 1920
Web : www.himedialabs.com
Email : info@himedialabs.com
mb@himedialabs.com

The information contained herein is believed to be accurate and complete. However no warranty or guarantee whatsoever is made or is to be implied with respect to such information or with respect to any product, method or apparatus referred to herein

Quality Control :

Appearance of Powder :

White to cream coloured, homogeneous, free flowing powder.

Colour and Clarity of prepared medium:

Colourless, clear solution without any precipitate.

Cultural Response :

Cultural characteristics observed after an incubation at 25-30°C for 18 - 48 hours.

Organisms (ATCC)

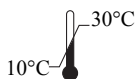
Saccharomyces cerevisiae ATCC 9763

Growth

good-luxuriant

Storage and Shelf-life :

Store below 30°C in tightly closed container and the prepared medium at 2 - 8°C. Use before expiry date on the label.



Storage temperature



Do not use if package is damaged



HiMedia Laboratories Private Limited,
Reg. Off: Plot No. C-40, Road No. 21Y,
MIDC, Wagle Industrial Area, Thane,
(West) 400604, Maharashtra, INDIA.
Web: www.himedialabs.com



12/2024

PIG103_1/1221

G103-02

Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.

HiMedia Laboratories Pvt. Ltd. Reg. office : Plot No. C-40, Road No. 21Y, MIDC, Wagle Industrial Area, Thane, (West) 400604, Maharashtra, INDIA.
Customer Care No.: 00-91-22-6116 9797 Tel: 00-91-22-6147 1919, 6903 4800 Email: techhelp@himedialabs.com Website: www.himedialabs.com