

Complete Supplement Mixture w/o URA

G112

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

Composition :**

Ingredients	Milligrams/Litre
Adenine	10.00
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
L-Valine	140.00

** Formula adjusted, standardized to suit performance parameters

Directions :

Suspend 770 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 URA 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 does not contain uracil, the pyrimidine derivative. 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 uracil prototrophs and wild type strains of *S. cerevisiae* but uracil

Please refer disclaimer Overleaf

auxotroph cannot grow in this media. Therefore, CSM w/o URA can be used as drop-out formulation for the selection of auxotrophic requirements and transformants.

Quality Control :

Appearance of Powder :

White to cream coloured, homogeneous, free flowing powder.

Colour and Clarity of prepared medium :

Colourless to light yellow coloured, clear solution without any precipitate.

Cultural Response :

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

Organisms (ATCC)

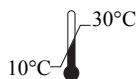
Saccharomyces cerevisiae ATCC 9763

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 Pvt. Limited,
23 Vadhani Industrial Estate,
LBS Marg, Mumbai-86, MS, India

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 diagnostic or therapeutic use but for laboratory, 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.