

## Complete Supplement Mixture w/o ARG-URA

G124

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

### Composition\*\* :

Ingredients	Milligrams/Litre
Adenine	10.00
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 720 mg in 1000 ml distilled water. Sterilize by autoclaving at 10 lbs pressure (115°C) for 20 minutes. Mix well and dispense as desired.

### Principle and Interpretation :

Complete Supplement Mixture w/o ARG-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*. CSM w/o ARG-URA does not contain arginine and uracil. This makes it a double 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).

Please refer disclaimer Overleaf

### Quality Control :

#### Appearance of Powder :

White to light yellow coloured, homogeneous, free flowing powder.

#### Colour and Clarity :

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

#### Cultural Response :

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

#### Organisms (ATCC)

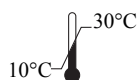
*Saccharomyces cerevisiae* ATCC 9763

#### 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



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#### Disclaimer :

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