

Liofilchem®

Certificate of Analysis

Product	Batch	Expiration date
WORT AGAR	111519503	2023.11.13

Ref. 610323 – 620323

Physical quality control	Specification	Results
Expected pH-value (25°C)	5.0 ± 0.2	4.9
Appearance of powder	Free-flowing, homogeneous	Conforms
Colour of powder	Beige	Conforms
Appearance of prepared medium	Slightly opalescent	Conforms
Colour of prepared medium	Light amber	Conforms

Microbiological Performance

Tested according to CLSI M22-A3, ISO 11133-1 and ISO 11133-2
Reference media: Tryptic Soy Agar

Productivity, Method of control: Quantitative

Inoculum: 10-100 CFU/ml

Control strains	Incubation	Expected Results	Specification	Results
<i>Saccharomyces cerevisiae</i> ATCC® 9763	Aerobic, 24-48 h 25-30°C	$P_R \geq 0.7$	Good growth	Conforms
<i>Candida albicans</i> ATCC® 10231	Aerobic, 18-48 h 30-35°C	$P_R \geq 0.7$	Good growth	Conforms
<i>Aspergillus niger</i> ATCC® 16404	Aerobic, 18-48 h 30-35°C	$P_R \geq 0.7$	Good growth	Conforms

Batch Release

Approved

Date

22.11.2019

SignatureQuality Control
(D. Vitagliano)

The results reported were obtained at the time of release.