

## TSA Agar Base

**Cat:** RL100121

**Specification:** 15\*500ml

**Storage:** Store at 2-25°C, avoid light.

### Introduction:

#### I. Product use:

Can be widely used in bacterial culture.

#### II. Inspection principle:

Tryptone and phytopeptone provide nitrogen, vitamins and growth factors; Sodium chloride was used to maintain the equilibrium osmotic pressure. Agar is a coagulant.

#### III. Composition: g/L

Trypticase (casein digest) 15.0g

Soybean papain hydrolysate soybean powder papain digest 5.0g

Sodium chloride 5.0g

Agar 15.0g

Distilled water 1000mL

Final pH 7.3±0.2

#### IV. Instructions for use: (for reference only)

Ready-to-use product: Unpacked and ready to use.

#### V. Quality Control:

The following quality control strains were inoculated into the culture medium to be tested, and the results are as follows:

Index	Quality control strain and number	Cultivation condition	Standard value	characteristic reaction
Growth rate	Staphylococcus aureus CMCC(B)26003	30~35°C 18~24h	PR≥0.8	light yellow colony
	Pseudomonas aeruginosa CMCC(B)10104			light yellow-green colonies
	Bacillus subtilis CMCC(B)63501			grayish white colony
	Escherichia coli CMCC(B)44102			grayish white colony
	Salmonella paratyphi B CMCC(B)50094			grayish white colony
	Candida albicans CMCC(F)98001	30~35°C, 48h	PR≥0.7	Milky white colony
	Aspergillus niger CMCC(F)98003	30~35°C, 3~5d	PR≥0.7	White hyphae, black spores

#### VI. Note:

Operate in a clean environment to avoid contamination of the culture medium.

#### VII. Waste disposal:

After testing, the contaminated items are placed under high-pressure sterilization at 121°C for 30 minutes.