

VOGEL-JOHNSON AGAR BASE, USP

A selective and differential medium for the isolation of *Staphylococcus aureus* according to USP.

Dehydrated media	
Code number:	500 g: VJA20500, 5 kg: VJA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving:	7,2 (approx.) at 25 °C

Direction: Suspend **30 g** in 500 ml of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool to 50 °C and add aseptically **10 drops (0,5 ml) of Potassium Tellurite Solution, Sterile (PTS80030)**. Mix well before pouring.

Prepared media	
Bottled media bases:	100 ml: VJA30100, 500 ml: VJA30500
Plated media:	55 mm: VJA50055, 90 mm: VJA50090
Colour:	Red
pH (25 °C):	7,1 – 7,3

Direction: Supplement the melted bottled media bases according to the direction of the dehydrated media and dispense aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Peptones	15,000
Glycine	10,000
Mannitol	10,000
Lithium chloride	5,000
Phenol red	0,025
Buffers	5,000
Agar	15,000

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 48 h
<i>Staphylococcus aureus</i>	ATCC 29213	Good, black colonies with yellow halo	
<i>Escherichia coli</i>	ATCC 25922	Inhibited	

References: Vogel and Johnson (1961) J. Pub. Hlth. Lab.18: 131.
United States Pharmacopoeia

In vitro diagnostic – for professional use only!