

K AGAR BASE

A selective medium for the detection of *Alicyclobacillus* spp.

Dehydrated media	
Code number:	500 g: KSA20500, 5 kg: KSA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,6 – 7,0

Direction: Suspend **12 g** in 500 ml of distilled water. Add **0,5 ml of TWEEN 80 Supplement (TWS80100)** and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Cool quickly to 50 °C and add aseptically **1 vial of K Agar Malic Acid Solution (KMS80005)**. Mix well before pouring.

Warning!

Once acidified with malic acid, the medium should not be re-heated.

Prepared media	
Bottled media bases:	100 ml: KSA30100, 500 ml: KSA30500
Plated media:	55 mm: KSA50055, 90 mm: KSA50090
Colour:	Yellowish
pH (25 °C) of bottled media bases:	6,6 – 7,0
pH (25 °C) of plated media:	3,6 – 3,8

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	8
Glucose	1
Agar	15

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: 44 °C	Growth	Incubation time: 72 h
<i>Alicyclobacillus acidoterrestris</i> ATCC 49028		Good	

For professional use only!