

Pseudomonas Chromogenic Medium

Product No.	Product Category	Specification
CRM024B	Dehydrated Culture Medium	500g/bottle

Intended Use

For isolation and detection of *Pseudomonas* species.

Principle and Interpretation

Peptone supplies essential nutrients in this medium. The specific reaction of the pigment with the corresponding enzyme of *Pseudomonas* shows a blue-green color. Agar is a solidifying agent.

Formulation

Ingredients	/liter
Peptone	20.0g
Salts	8.0g
Chromogenic mix	2.5g
Agar	15.0g
pH 7.5±0.2 at 25°C	

Preparation

Suspend 45.5g in 1 L distilled or deionized water. Heat with frequent agitation and boil to completely dissolve the powder. Cool to 45-50°C and pour into sterile Petri dishes.

Quality Control

Cultural characteristics after 18-24 hours at 36±1°C.

Quality control strains	Growth
<i>Pseudomonas aeruginosa</i> ATCC9027	Good, blue-green colony
<i>Pseudomonas aeruginosa</i> ATCC27853	
<i>Enterococcus faecalis</i> ATCC29212	Inhibited
<i>Escherichia Coli</i> ATCC25922	Inhibited

Storage and Shelf Life

The dry powder should be stored in a sealed container at 2-30°C in a cool, dry place away from sunlight for two years, The prepared plates can be stored at 2-8°C for one week.

GUANGDONG HUANKAI MICROBIAL SCI.&TECH.CO.,LTD.

Address: No. 788 Shenzhou Road, Science City, Huangpu District, Guangzhou, Guangdong, China

Email: support@hkmbio.com

Website: <https://www.huankaigroup.com>

Technical Data Sheet



Use before expiry date on the label.

Precautions

1. When weighing the dehydrated medium, please wear masks to avoid causing respiratory system discomfort
2. Keep container tightly closed after using to prevent clumping.

Waste Disposal

Microbiological contamination was disposed by autoclaving at 121°C for 30 minutes.

Revision

May 1, 2025

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