

Product Manual

【Product Name】

Lugol Iodine

【Product Code and Packing Specification】

Code	Type	Specifications
029120	Liquid	10mL

【Product Usage】

Used for starch hydrolysis tests.

【Test Principle】

Amylose turns blue when exposed to iodine.

【Formulation】

Formulation (per vial)	Content
Iodine	0.033g
Potassium iodide r	0.067g
Distilled water	10mL

【Instructions】

Add 2-4 drops of Lugol's iodine solution reagent to the culture. Negative samples will turn blue or dark blue, while positive samples will not change color.

【Quality Control】

Index	Quality control strain and number	Characteristic reactions
Feature observation	Bacillus subtilis ATCC6633	Positive, Lugol's iodine reagent was added, and the culture medium did not change color.
	Pseudomonas aeruginosa ATCC9027	Negative, Lugol's iodine reagent was added, and the culture medium turned blue.

【Storage Conditions and Shelf Life】

Store at room temperature away from light, valid for three years.

【Waste Disposal】

After testing, the contaminated items need to be autoclaved at 121°C for 30 minutes before processing.

【Executive Standard】

Q/HKSJ 0709 Guangdong Huankai Microbial Sci.& Tech.Co.,Ltd. Enterprise Standard

【Explanatory Version】

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