

## Inactivation broth (HIA)

<b>Shorthand symbol:</b>	HIA
<b>Item number:</b>	75-1530
<b>Format:</b>	143ml-Wide neck bottle with 90ml Nutrient medium
<b>Colour:</b>	light yellow
<b>Storage conditions:</b>	Dry, closed, protected from light, at 4-25°C
<b>Shelf-life:</b>	6 Months
<b>pH:</b>	7,0 ± 0,2 at 25°C



### Intended use and fields of application

Inactivating solution is used to inactivate substances in a test sample which could have inhibitory effects on microbiological growth. After an inactivation period of 10 to 15 minutes the sample material can be transferred to other culture media for further investigation.

### Typical composition in g/l

#### in g per 1 Litre of Nutrient medium

Tryptone	1,0
Sodium chloride	8,5
Sodium thiosulfate pentahydrate	5,0
Potassium dihydrogenphosphate	0,35
Di-potassium hydrogen phosphate anhydrit	0,4
Tween 80	60,0
L-Histidin	2,0
Lecithin	6,0

## Microbiological quality control

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The product fulfills the customer specific requirements.

### Productivity

Incubation conditions: 15 - 30 Minutes at 20 - 25°C +Transfer (TSA) 40-48 hours at 37±1°C; Inoculation concentration: 10.000 CFU

Organism	Type Strain	Specification	Colony morphology
Staphylococcus aureus	ATCC 6538 / WDCM 00032	T <sub>1</sub> /T <sub>0</sub> ≥0,7	-
Escherichia coli	ATCC 8739 / WDCM 00012	T <sub>1</sub> /T <sub>0</sub> ≥0,7	-

### Microbial Contamination

Incubation conditions: 2 days at 30±1°C

### Specification

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No microbial contamination