

CERTIFICATE OF ANALYSIS

PRODUCT :	Peptone water
PRODUCT CODE NO.:	BW035

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
COLOR	Cream to Light yellow	
APPEARANCE	Homogenous free flowing powder	

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

PARAMETERS	SPECIFICATIONS/STANDARD VALUES	
pH(post autoclaving/heating)	7.2+/-0.2	
COLOR (post autoclaving/heating)	Light amber to light yellow	
CLARITY (post autoclaving/heating)	Clear to very slightly opalescent	

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after 18 –24 hrs at 35-37°C.

Organism Description	Inoculum (CFU)	Growth	Indole test	
Escherichia coli ATCC 25922	50-100	luxuriant	positive reaction, red ring at the interface of the medium on addition of Kovacs reagent	
Salmonella typhimurium ATCC 14028	50-100	luxuriant	negative reaction, no red ring at the interface of the medium on addition of Kovacs reagent	
Staphylococcus aureus ATCC 25923	50-100	luxuriant	negative reaction, no red ring at the interface of the medium on addition of Kovacs reagent	