

Product: ColiZist Kit

Catalog Number: CZ-1020

Lot Number:

Date of Release:

Expiration Date:

Powder Substrate Appearance: Cream to light yellow, homogeneous, free-flowing.

Solution: 1.7% solution, soluble in purified water.

Solution Appearance Cream to light yellow.

pH of 1.7% solution 25 °C: 6.8 ± 0.2

Cultural Response: First, the powder was transferred to a sterile bottle. Then, for testing water samples, 100 ml of drinking water was added to each bottle and were inoculated with standard organisms. Cultural response was observed after 18-48 hours of incubation at $35 \pm 0.5^\circ\text{C}$.

Organism	ATCC*	Color Change to Blue-Green	Fluorescence	Indole Reaction
<i>Escherichia coli</i>	25922	+	+	+
<i>Shigella flexneri</i>	12022	-	-	-
<i>Enterobacter aerogenes</i>	13048	+	-	-
<i>Salmonella typhimurium</i>	14028	-	-	-
<i>Citrobacter freundii</i>	8090	+	-	-

*ATCC is a registered trade mark of the American Type Culture Collection.

QC Department