



TRYPTOSE

Cat# 6021

CHARACTERISTICS:

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance Visual inspection	Dry, fine, homogeneous, light to medium tan yellow powder free of extraneous material
2% Solution Color (% Trans @450 nm) Solubility (Held 5 days) pH	Light to dark medium tan yellow 13% or greater Clear to slightly hazy with no more Than slight trace sediment 6.5 to 7.5 at 25 ⁰ C @
Total Nitrogen (Kjeldahl)	10% or greater
Ash (Residue on Ignition)	15% or less
Loss on drying	7% or less
Reducing Sugars	Negative
Undigested Protein	Negative
Proteoses	Positive
Nitrites	Negative
Tryptophan	Slightly Positive
Microbiological Analysis	
Fermentable Carbohydrates	Acid with <i>E. coli</i>
Indol Production	Positive with <i>E. coli</i> Negative with <i>E. aerogenes</i>
Acetylmethylcarbinol Production	Positive with <i>E. aerogenes</i> Negative with <i>E. coli</i>
H ₂ S Production	Positive with <i>S. typhi</i> Negative with <i>Sh. Flexneri</i>
Growth	
Peptone Agar	Passes USP Peptone Test
Tryptose Agar	Passes