

Certificate of Quality

Product Name: Yeast Extract 500g each
Lot Number: 283351

Product Number: R451202
Expiration Date: 2028-05-13
(YYYY-MM-DD)

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. Representative samples were tested per Remel Inc., a part of Thermo Fisher Scientific Quality Control specifications and were found to meet performance criteria for this product.

Physical Characteristics:

Attribute	Specification	Result
Loss on Drying	<5%	Pass
Nitrogen	7.2-12%	Pass
pH of 2% Solution	7.2 +/- 0.5	Pass

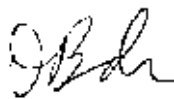
When tested at 0.3% in Columbia Agar Base with 5% Sheep Blood, the following Performance Characteristics were observed:

Organism Challenge	ATCC	Performance Criteria
Streptococcus pyogenes	19615	Growth, Beta Hemolysis
Streptococcus pneumoniae	6305	Growth, Alpha Hemolysis
Staphylococcus aureus	25923	Growth
Escherichia coli	25922	Growth

The above listed cultural response is the minimum used for product performance testing and release.

This lot meets criteria for approval as defined for this product. It should be stable to the expiration date on the label when stored according to package specifications.

Signed



Senior Quality Assurance Engineer