



# Certificate of Analysis

Becton Dickinson and Company  
BD Biosciences Miami AF  
50 NW 176TH ST  
Miami FL 33169-5043 US

**Product Name** : Pail Yeast Extract Technical 10kg  
**Catalog Number** : 288610 **Manufacture Date**: 2018/10/12  
**Batch Number** : 9273394  
**Expiration Date** : 2023/10/11

- 01. Dehydrated Medium Appearance: Light to medium beige, free-flowing, homogeneous
- 02. Solubility: 2% solution, soluble in distilled or deionized water
- 03. Solution Appearance: Medium amber, clear to very slightly opalescent with no significant precipitate
- 04. Cultural Response: A 2% solution was prepared with 0.5% sodium chloride and the pH was adjusted to 7.2-7.4. Tubes of this medium were inoculated with the test organisms and incubated at 35 ± 2°C for 18-48 hours.
 

TEST ORGANISMS	ATCC®	RECOVERY
Escherichia coli	25922	good
Streptococcus pyogenes	19615	good
- 05. There are no animal sourced ingredients or animal derived reagents used in the manufacture of this product.

Characteristic	Unit	Value	Lower Limit	Upper Limit
Nitrogen :	%	11.3	9.0	12.0
Ash :	%	10.8	0.0	15.0
Sodium Chloride :	%	0.0	0.0	5.0
Loss on Drying	%	3.3	0.0	5.0
Bulk Lot Number :	-	8337997		

The Batch Number on this certificate is synonymous with the Lot Number shown on the product label.

Advanced Bioprocessing is an ISO 9001:2015 Registered facility. This product met Advanced Bioprocessing stringent quality standards at time of batch/lot release. Any test results reported on this certificate were obtained at time of release. This material is not for human or animal consumption.

Following Quality Control release, the COA is created and published for Catalog products at <http://www.thermofisher.com/coasearch>. Advanced Bioprocessing will notify customers of record for any changes to the COA.



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DIANA NOGUERA  
Senior Quality Manager  
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