



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Lactobacillus casei Catalog Number: 0176 Lot Number: 176-17** Reference Number: ATCC® 393™* Purity: > 99.9% of Total Pellet CFU Passage from Reference: 3	Expiration Date: 2019/3/31 Release Information: Quality Control Technologist: Carol J Stanoch Release Date: 2017/4/28
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Performance	
Macroscopic Features: Small, circular, convex, entire edge, white, glistening Microscopic Features: Gram positive rods with rounded ends	Medium: CNA Method: Gram Stain (1)
ID System: Vitek CBC (1) See attached ID System results document.	Other Features/ Challenges: Results (1) Catalase (3% Hydrogen Peroxide): negative (1) Vancomycin (30 mcg - Disk Susceptibility): resistant (no zone) (1) Purple Broth w/Rhamnose: negative  Amanda Kuperus Quality Control Manager AUTHORIZED SIGNATURE

**Disclaimer: The last digit(s) of the lot number appearing on the product label and packing slip are merely a packaging event number. The lot number displayed on this certificate is the actual base lot number.

Note for Vitek®: Although the Vitek® panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods.

⚠ Refer to the enclosed product insert for instructions, intended use and hazard/safety information.

Individual products are traceable to a recognized culture collection.



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(1) These tests are accredited to ISO/IEC 17025:2005.



TESTING CERT #2655.01

bioMerieux Customer: 1012555
System #: 521711

Laboratory Report

Printed Apr 28, 2017 07:13 CDT
Printed by: cjs

Isolate Group: 176-17

Bench: CS

Card Type: CBC Testing Instrument: 000017919CE3 (15220)

Bionumber: 21372727014050

Organism Quantity:

Comments:	
	L. casei is not in the database. Bionumber and ID is similar to previous lots.

Identification Information	Card: CBC	Lot Number: 2460077203	Expires: Feb 11, 2018 12:00 CST
	Completed: Apr 27, 2017 16:35 CDT	Status: Final	Analysis Time: 8.00 hours
Selected Organism	92% Probability Lactobacillus rhamnosus Bionumber: 21372727014050 Confidence: Good identification		
SRF Organism			
Analysis Organisms and Tests to Separate:			
Analysis Messages:			
Contraindicating Typical Biopattern(s) Lactobacillus rhamnosus dRIB(92),LIP(2),CIT(24),			

Biochemical Details																	
2	APPA	-	4	dGAL	+	5	ODC	-	6	PheA	+	7	ARG	-	8	PVATE	-
9	BGAL	+	10	PYRA	+	11	SUCT	-	12	TyrA	+	13	dGLU	+	17	BGLU	+
18	dMAL	(-)	19	dMAN	+	21	BXYL	-	22	O/129 R	+	23	ProA	+	26	LIP	+
27	AMAN	-	30	dMLZ	+	31	URE	-	33	SAC	(+)	35	dTRE	+	36	CIT	+
37	BGURi	-	40	ILATk	-	41	AGLU	(-)	43	dSOR	+	44	AGAL	-	46	GlyA	-
47	dMLT	-	50	dRIB	-	51	MTE	+	52	IGLM	-	53	OPS	-	54	BdFUC	-
56	CMT	+	59	2KG	-	61	ESC	+	62	ELLM	-	64	dXYL	-			

Action	Name (User ID)	Date/Time	Comment
Changed by:	(cjs)	Apr 28, 2017 06:47 CDT	corrected ID number

Installed VITEK 2 Systems Version: 07.01

MIC Interpretation Guideline:

AES Parameter Set Name:

Therapeutic Interpretation Guideline:

AES Parameter Last Modified: