



CERTIFICATE OF ANALYSIS

Attn: Steamericas™

Test performed: Microbicidal efficacy of Optima™ Steamer	Modified AME5122
Microbes used: Zygosaccharomyces bailii	ATCC No. 58445

Surface	Condition	CFU/mL (average)	Percent Elimination	Procedure
Plastic (Polystyrene)	Negative Control	TNTC	N/A	**10D/ENRICH BAM
	Optima™ Steamer	< 0	*100%	**10D/ENRICH BAM
Glass (16 oz. Glass	Negative Control	TNTC	N/A	**10D/ENRICH BAM
Tumblers)	Optima™ Steamer	< 0	*100%	**10D/ENRICH BAM
Restaurant Grade Stainless	Negative Control	TNTC	N/A	**10D/ENRICH BAM
Steel	Optima™ Steamer	< 0	*100%	**10D/ENRICH BAM

^{**10} day pre-enriched followed by BAM CFU analysis. *100% elimination = an average of zero detectable colonies on agar plates.

CFU: Colony Forming Unit

N/A: Not Applicable, Negative control end values were greater than 10⁷ (TNTC)

Analyzed: October-December, 2012 Report Release: February 4, 2013 Reviewed and Approved by:

Shannon Carey Technician Stewart J. Lebrun Ph.D.

Study Director

Roxanne Chan M.D.

Director of Quality Assurance