



September 11, 2011

Joseph P. Sergio, Ph.D.
Polar Clean
1919 S. Michigan St.
South Bend, IN 46613

RE: Log reduction in potential *Salmonella spp.* on treated stainless steel

Dr. Sergio,

We recently completed trials on the inoculated stainless steel coupons, subjected to your cleaning process.

As seen in the data, the process resulted in a log reduction in potential *Salmonella spp.* of at least 5 logs. We can therefore conclude that the cleaning method employed by Polar Clean will result in a reduction in *Salmonella spp.* of at least 5 logs.

Regards,

Brian Farina
Client Services Director
Deibel Labs, Inc.

(Excerpt of Official Results)

Deibel Laboratories Results:

RE: Polar Clean - "Cold Clean" Process
Log Reduction of Salmonella

Salmonella Strains Used:		
<ul style="list-style-type: none">• S. Cubana G2:z29• S. Enteritidis GFP-108• S. Newport c2:eh:1,2• S. Senftenberg (DLI isolate)• S. Bredeney ATCC 10728		
SAMPLE	SALMONELLA/g	SALMONELLA/g AFTER Polar Clean Process
1	10	1.00
2	<10	.95
3	<10	.95
4	<10	.95
5	<10	.96
AVERAGE: 10		
MINIMUM Log Reduction:		5.45
AVERAGE Log Reduction:		5.52

(Excerpt of Official Results)