CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2011
DateRun:	10/12/2011
Experimenters:	Heidi Wilcox, Johnny Le
ClientType:	Microelectronics Mfr
ProjectNumber:	Project #2
Substrates:	Electronics
PartType:	Part
Contaminants:	Solder
Cleaning Methods:	Ultrasonics
Analytical Methods:	Visual
Purpose:	Further evaluation on reduced odor cleaning products
Experimental Procedure:	Here is the last batch of parts. I still have the others you sent me for follow up testing. I have had to order a few more samples of products for your guys. They should come in while I am away at my conference and I will clean your parts with them when they come in. Because we are doing cold cleaning we need to stick with the < 1 mm Hg so that makes things hard, thus why I asked about heat. Anyway let me know what you think about these parts. I also included the Citrisafe in the mix so we can compare.

Results:

SWR One	5%
Today and Beyond 2005	5%
DS 108	100%
Citri Safe	100%
Ionox HC2	100%

All testing was done at room temperature, ultrasonics, for 10 minutes. They were then rinsed under tap water and blown dry with compressed air.

Summary:

Substrates:	Electronics				
Contaminants:	Solder				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
SWR Corporation	SWR One	5	0.00	☐	
Today & Beyond	Beyond 2005	5	0.00	☐	
Dysol	DS 108 Wipe Solvent	100	0.00	☐	
Inland Technologies Inc	Citrasafe	100	0.00	☑	
Kyzen Corporation	Ionox HC 2	100	0.00	☐	

Conclusion: