

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2011
DateRun: 10/13/2011
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		<input type="checkbox"/>	
Today & Beyond	Beyond 2005	5		<input type="checkbox"/>	
Dysol	DS 108 Wipe Solvent	100		<input type="checkbox"/>	
Inland Technologies Inc	Citrasafe	100		<input checked="" type="checkbox"/>	
Kyzen Corporation	Ionox HC 2	100		<input type="checkbox"/>	

Conclusion: