CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2001
DateRun:	12/26/2001
Experimenters:	Purav Dave
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Stainless Steel
PartType:	Coupon
Contaminants:	Latex binder
Cleaning Methods:	Immersion/Soak
Analytical Methods:	Gravimetric
Purpose:	Laboratory evaluations of alternative cleaning products
Experimental Procedure:	Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning. Cleaning: 5 min. immersion cleaning with stir-bar agitation at 120 F Rinsing : 1/2 min. manual in water at 120 F Drying : 1 min. with heat gun at 500 F Contaminant : latex binder mix (00146), CAS# of contaminant : 9016-45-9,7664-41-7, 50-00-0
Results:	Increase in weight in some cases, decrease in others.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Latex binder				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Alconox Inc	Alcojet	1	38.23	☐	Increase in weight in 1 coupon
Buckeye International	Shopmaster FF	5	-15.14	☐	Decrease in weight in only 1 coupon
Buckeye International	Shopmaster HP	5	2.70	☐	Decrease in weight only in 1 coupon
Buckeye International	Shopmaster LPH	5	82.13	☐	in one coupon removal was above 100 percent.
Calgon Corporation	SC 431	5	26.60	☐	
Buckeye International	Immersion Cleaner	5	-9.26	☐	Decrease in weight in 1 coupon
Brulin Corporation	Aquavantage 1400	5	-2.24	☐	Decrease in weight of one coupon

Conclusion: Failure of the test. Bizarre change in weight of the coupons found.