CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 03/26/2003

Experimenters: Heidi Wilcox

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Fluxes

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 @ 120 F
Rinsing: 1/2 min, manual, in 102 F water (tap)
Drying: 1 min with heat gun @ 500F
Contaminant: Kester Solder 1544 Rosin Flux 64-17-5, 78-92-2, 8050-09-7

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Fluxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Bio Chem Systems	Bio T 300 B	100	100.82	☑	
Bio Chem Systems	Bio T Max	100	98.11	☑	
AG Environmental Products	Canola Gold CE110	100	100.71	☑	
AG Environmental Products	Soy Gold 1000	100	89.53	☑	
AG Environmental Products	Soy Gold 2000	100	78.48	☐	
AG Environmental Products	Soy Clear 1500	100	81.91	☐	
United Laboratories International	United 2002 Harvest Gold	100	88.96	☑	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	46.27	☐	
Pentone Corporation	Citrikleen XPC	100	100.78	☑	
Inland Technologies Inc	Citrasafe	100	100.42	☑	

Conclusion: