

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003

DateRun: 03/27/2003

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	<input checked="" type="checkbox"/>	
Bio Chem Systems	Bio T Max	100	98.11	<input checked="" type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	100.71	<input checked="" type="checkbox"/>	
AG Environmental Products	Soy Gold 1000	100	89.53	<input checked="" type="checkbox"/>	
AG Environmental Products	Soy Gold 2000	100	78.48	<input type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	81.91	<input type="checkbox"/>	
United Laboratories International	United 2002 Harvest Gold	100	88.96	<input checked="" type="checkbox"/>	
Vertec BioSolvents	VertecBio Gold Unscented Part Cleaner	100	46.27	<input type="checkbox"/>	
Pentone Corporation	Citrikleen XPC	100	100.78	<input checked="" type="checkbox"/>	
Inland Technologies Inc	Citrasafe	100	100.42	<input checked="" type="checkbox"/>	

Conclusion: