

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2003
 DateRun: 03/30/2003
 Experimenters: Jason Marshall
 ClientType: Lab
 ProjectNumber: Project #1
 Substrates: Brass
 PartType: Coupon
 Contaminants: Buffing/Polishing Compounds
 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
 Drying: Wiping
 Contaminant: Buffing compound, Jackson Lea Antique buffing compound CAS# 9000-70-8, 1344-28-4, 409-21-2, 1309-37-1

Results:

Summary:

Substrates:	Brass				
Contaminants:	Buffing/Polishing Compounds				
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Metabolix Inc	Metabolix E3HB	100	16.80	<input type="checkbox"/>	Wiping increased efficiency by almost 15%
Twin Rivers Technologies	Methyl Ester 1618	100	-1.82	<input type="checkbox"/>	
AG Environmental Products	Canola Gold CE110	100	-2.42	<input type="checkbox"/>	
AG Environmental Products	Soy Clear 1500	100	-1.10	<input type="checkbox"/>	
Vertec BioSolvents	Take Off Green	100	17.25	<input type="checkbox"/>	

Conclusion: