CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2004
DateRun:	07/06/2004
Experimenters:	Heidi Wilcox
ClientType:	Lab
ProjectNumber:	Project #1
Substrates:	Sterling/Silver
PartType:	Coupon
Contaminants:	Cutting/Tapping Fluids
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 at 96 F with stir-bar agitation. NO Rinsing Drying: 30 sec. Air blow off using hose Contaminant: Cutting Fluid - Houghton Intentional Cut -Max Cas# 64742-52-5, 64741-96-4 Substrate 2 "
Results:	

Summary:

Substrates:	Sterling/Silver				
Contaminants:	Cutting/Tapping Fluids				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Petroferm Inc	Lenium CP (no longer available)	100	99.51	☑	
Petroferm Inc	Lenium ES	100	99.75	☑	
Invista S.a.r.l	Flexisolv DBE 6 ester	100	100.17	☑	

Conclusion: All cleaners were effective.