CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 02/03/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Mold Releases, Waxes, 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 at 120 F with stir-bar agitation.
Rinsing:1/2 min. manual with water at 120 F.
Drying: 1 min. with heat gun at 500 F.
Contaminant:
1. Latex Binder mix (00146) Contains-Flouro acrylate copolymer emulsion
2. Mold Release - Silicone - GE Silicones SM 2163 Silicone emulsion (112945-52-5)
3. Wax - Stevenson Brothers and Co. Inc. Petroleum Paraffin wax

Results:

Summary:

Substrates:	Stainless Steel				
Contaminants:	Mold Releases, Waxes, Latex binder				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Finger Lakes Chemical	1-1-02	100	-78.51	☐	Contaminant: Latex binder mix
Oakite Products	Oakite 77		183.09	☐	Concentration: 60gm/l; Contaminant: Latex binder mix
Today & Beyond	Beyond 2007	5	0.81	☐	Contaminant: wax
Oakite Products	Citradet	5	0.85	☐	Contaminant: wax
Today & Beyond	Beyond 2006	5	0.49	☐	Contaminant: wax
Today & Beyond	Beyond 2006	5	98.08	☑	Contaminant: Silicones

Conclusion: