# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 03/05/2002

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Stainless Steel

PartType: Coupon

Contaminants: Abrasive

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: Lea Manufacturing Company, 2-B-111 Abrasive fatty acids, glycerides and petroleum oil/ wax mix, silica dust (148008-60-7)

Results:

Summary:

| **Substrates:** | Stainless Steel | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Abrasive | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| United Laboratories International | United 450 All Clear | 5 | 74.30 | ☐ | |
| EnviroSan Products Ltd | Solution 2000 | 5 | 57.39 | ☐ | |
| CRC Industries | Complex Blue | 5 | 86.52 | ☑ | |
| Dysol | DS 108 Wipe Solvent | 100 | 18.57 | ☐ | |
| Heatbath Corporation | Alu-Kleen 36 | 5 | 80.82 | ☐ | |
| Heatbath Corporation | Power Wash Cleaner BCR | 5 | 81.94 | ☐ | |
| Oakite Products | Inproclean 2000 | 5 | 93.56 | ☑ | |
| Carroll Company | Blue Gold Heavy Industrial Cleaner | 5 | 93.88 | ☑ | |
| Tarksol Inc | Tarksol HTF 60 | 5 | -27.28 | ☐ | |
| Magnaflux | Daraclean 200 | 5 | 86.39 | ☑ | |

Conclusion: