# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2000

DateRun: 01/14/2000

Experimenters: Nicole Vayo

ClientType: Lab

ProjectNumber: Project #1

Substrates: Glass/Quartz, Stainless Steel

PartType: Coupon

Contaminants: Adhesive, Coatings, Inks, Lubricating/Lapping Oils, Oil

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.

Laboratory evaluation.
Contaminant: Adhesive, CAS: 9010-98-4, 95997-13-9, 68083-03-4, 108-88-3
Ink, CAS: 67-63-0, 108-88-3, 9004-70-0, 109-60-4, 141-78-6, 64-17-5
Oil, CAS: 64741-89-5, 8052-42-4
Coating, CAS: 64742-47-8, 64742-52-5
Lubricant, CAS: 8052-42-4, 64742-57-0, 64742-62-7

Results:

Summary:

| **Substrates:** | Glass/Quartz, Stainless Steel | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Adhesive, Coatings, Inks, Lubricating/Lapping Oils, Oil | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| Finger Lakes Chemical | 1-1-02 | 100 | 82.30 | ☐ | ink |
| Finger Lakes Chemical | 1-1-02 | 100 | 102.40 | ☐ | lubricant |
| Finger Lakes Chemical | 1-1-02 | 100 | 96.50 | ☑ | oil |
| Calgon Corporation | Geo Guard 5210 | 100 | 97.60 | ☑ | coating |
| Calgon Corporation | Geo Guard 5210 | 100 | -87.10 | ☐ | ink |
| EcoLink | Safe Strip | 100 | 100.00 | ☑ | |

Conclusion: