# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 06/30/2002

Experimenters: Jason Marshall

ClientType: Optical Manufacturer

ProjectNumber: Project #2

Substrates: Stainless Steel

PartType: Part

Contaminants: Adhesive

Cleaning Methods: Immersion/Soak

Analytical Methods: Visual

Purpose: To evaluate immersion cleaning for adhesive removal from stainless steel parts.

Experimental Procedure: Two cleaners from the previous trial were used at room temperature (85 F) at full strength. One stainless steel part was immersed into each solution. Observations were made at 5, 10 and 30 minutes. The parts were wiped at each interval to determine if the adhesive could be easily removed.

Results:

| Cleaning Product | Observations |
|---|---|
| Bio T Max | 5 min - Softening the adhesive |
| | 10 min - Rub off with towel |
| | 30 min - Effective removal with rubbing |
| | |
| Opti Clear | 5 min - No signs of cleaning |
| | 10 min - Still no signs of cleaning |
| | 30 min - Some removal with rubbing |

Summary:

| **Substrates:** | Stainless Steel | | | | |
|---|---|---|---|---|---|
| **Contaminants:** | Adhesive | | | | |
| **Company Name:** | **Product Name:** | **Conc.:** | **Efficiency:** | **Effective:** | **Observations:** |
| Bio Chem Systems | Bio T Max | 100 | 0.00 | ☑ | Effective with rubbing after 30 minutes |
| National Diagnostic | Opti Clear | 100 | 0.00 | ☑ | Moderately successful in removing with rubbing after 30 minutes |

Conclusion: The Bio T Max was more successful than the Opti Clear when using a combination of soaking and rubbing.