

## Certificate of Conformance SIFCO Process Solution

The solution identified below has been tested under controlled conditions and found to meet SIFCO Applied Surface Concepts specifications and Quality Assurance standards. This product does not contain, nor has it been contaminated with metallic mercury or mercury compounds. SIFCO ASC, LLC is a mercury free facility.

This product is free from all foreign materials that could result in foreign object damage to the equipment or process.

## Capability of Meeting Specifications

SIFCO Process electroplates, when properly selected and applied, will meet the requirements of: AMS2451C, MIL-STD-2197A (SH) and MIL-STD865D.

| Product Code             | 2050          |                   |
|--------------------------|---------------|-------------------|
| Product Description      | Copper Acid   |                   |
| Batch Number             | 1806545       |                   |
| Test Requirement         | Actual Value  |                   |
| рН                       | 0.70          | @ 20°C            |
| Specific Gravity         | 1.189         | @ 20°C            |
| Metal Content            | 59.72         | g/l               |
| Solution Appearance      | Blue          |                   |
| Date of Manufacture      | June 13, 2018 |                   |
| Date of Expiration       | June 13, 2028 |                   |
| Quality Systems Engineer |               | 6/13/2018<br>Date |