## TAIYO AMERICA, INC.

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## CERTIFICATE OF ANALYSIS and CONFORMANCE

This is to certify that the following product has been inspected prior to sale and shipment, and complies with Taiyo America's manufacturing specifications for this product.

This product meets all the requirements of IPC-SM-840E Classes H and T and Bellcore (Telecordia) GR-78-CORE and is UL recognized 94V-0 (file #E166421, UL Name: UVR-150G).

Mfg. Date: 6-25-21 Lot# 1062537 **UVR-150G (USA)** Warranty Ends: 6-25-22 **MANUFACTURING PROPERTY TEST METHOD** SPECIFICATION RESULT Toki Sangyo RE100U Viscometer 125 ps 5 rpms @ 25°C 120 - 140 ps THIXOTROPIC INDEX Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm 1.3 - 1.9FINENESS OF GRIND TAI-0-0002 microns 17.5 microns maximum VISUAL EXAMINATION Microscopic examination: Passed 1. 1-mil drawdown of wet film No bubbles, pits, voids, particles, color differences. 2. Wet film drawdown on Passed No bubbles, pits, voids, TV grind gauge particles, color differences. **SCREENABILITY** Passed Visual inspection of coated panel No surface defects. such as bubbles, pinholes, etc. **RESISTANCE TO** 260°C (500°F) / 10 sec x 3 cycles Passed 4 No discoloration, peeling, **SOLDERING** (\*) Rosin-based flux or blistering SOLVENT Immersion in PM Acetate Passed T No swelling, softening, **RESISTANCE (\*)** 20°C / 30 mins. or blistering 5 H PENCIL HARDNESS (\*) TAI-0-0020 4H or greater **ADHESION (\*)** Passed . TAI-0-0021 100/100 on copper

(\*) – UV cure for these test was 1.0 joules/cm² as measured by a ORC UV-350 radiometer using three high pressure mercury vapor lamps @ 80 w/cm.

Verified By:

1. O.C. Supsavisor 6/28/2/
Name, Title, Date

FRM-0-0045