

# INSPECTION CERTIFICATE

TAIYO INK MFG. CO., LTD

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PCB Material Dept.  
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Product Name **IJSR-4000 TR73851**

Lot No. **0031017**

Mfg. Date: March 10, 2020  
Warranty Ends: March 9, 2021

General Judgement

**Pass**

March 24, 2020

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

Item	Testing Method	Specifications	Result
Viscosity	Cone plate Viscosimeter (Just after production) TAIYO Internal Test Method (GIP-045AA)	$42 \pm 5.0$ mPa.S (At $100\text{min}^{-1}$ - $25^\circ\text{C}$ )	42.7 mPa.s
Surface Tension	Ring Method TAIYO Internal Test Method (GIP-045AA)	$32 \pm 3.0$ mN/m	33.4 mN/m

Remark; Curing condition  
(High Pressure mercury short arc lamp)  
UV Cure;  $600 \text{mj} / \text{cm}^2$   
 $150^\circ\text{C} / 60 \text{min}$  (Hot air convection oven)

Pencil Hardness	TAIYO Internal Test Method (GIP-010AA)	3H or above	Pass
Adhesion	TAIYO Internal Test Method (GIP-008AA)	100/100	Pass
Solder heat resistance	TAIYO Internal Test Method (GIP-009AA)	$260 \pm 5^\circ\text{C}$ for 10 sec – 3 times	Pass

IJSR-TR73851 meets all the requirements of IPC-SM840E, Classes H & T and is UL recognized 94V-0.  
(File #E69262, UL Name: IJSR-4000G)

Inspector D. Suto

Approval K. Kana