

FUJIFILM Electronic Materials U.S.A., Inc.
6550 South Mountain Rd
Mesa, AZ 85212
Telephone: 1-800-553-6546

Material # : 882522
Product : Freckle Etch; CPG; Case (SG)
Batch# : P5F02KLJ

Delivery Note # : 21951250
Customer # : 602632
Customer P.O.# : PO25-1-00100

Packaging Config : 4 X 8 PT CASE 40X4

Customer Part # :
Customer Spec.# : DM00466119_06
Customer Rev.# : 1.0

Manufacture Date : 09/Jun/2025
Expiration Date : 09/Aug/2026

Method	Parameter	Value	Specification		Unit
			Min	Max	
TPA65010	Acetic Acid	10.70	9.83	11.83	Wt%
TPA65010	Nitric Acid	2.00	1.52	2.52	Wt%
TPA65010	Phosphoric Acid	70.76	69.51	72.01	Wt%
TPA65010	Total Acidity	16.95	16.51	18.51	meq/g
TPF85130	Etch Rate	16.4	13.0	17.0	Å/min
TPA15017	Copper	< 100	0	2000	ppb
TPA15017	Iron	< 100	0	4000	ppb
TPA15017	Potassium	263	0	1600	ppb
TPA15017	Sodium	< 100	0	3000	ppb
TPA45050	Particles ($\geq 0.2\mu\text{m}$)	181	0	900	p/mL
TPA45050	Particles ($\geq 0.5\mu\text{m}$)	28	0	100	p/mL

CERTIFICATE OF COMPLIANCE

This is to certify that FUJIFILM Electronic Materials U.S.A., Inc. has conformed to all published procedures and specifications in the production of this material. This certificate of analysis was composed electronically.

Issued Date: 19/Jun/2025