

**REPORT**

CUSTOMER'S REF NO:
ALS THAILAND REF NO: ELP-1171-IB
DATE: 22/9/2015
COMPANY: Sei Interconnect Products (Thailand) Ltd.700/128 Moo 5 Bangna-

DATE SAMPLE RECEIVED: 2/9/2015
DATE ANALYZED: 2/9/2015
DATE TEST COMPLETED: 17/2/2015
SAMPLE DESCRIPTION: One lot of sample was received with references:
Description: RQ15-0500 FCOF Diablo 3S TI M
Model: Diablo 3S TI FCOF
Surface Area: FCOF = 32.14 cm²
Remark:

METHOD/PROCEDURE:

Analysis	Procedure No	Number of pieces used for extraction	Extraction Medium	Extraction Volume
IC	2092-000121 Rev. AB	1	Ultrapure water at 80°C	25ml

RESULT:

The Specification is based on Seagate's Doc 96-004575 Rev.AX for Flex Circiut and Flex Circiut Assembly (3.5" Enterrpise & 3.5" Desktop)

Required Test	Analytes	Specification Limits,(µg/cm ²)	Results ,(µg/cm ²)	Method Detection Limit,(µg/cm ²)	PASS/ FAIL
IC (Anions)	Fluoride as F	<20	2.46	0.39	PASS
	Chloride as Cl	<20	2.12	0.39	PASS
	Bromide as Br	<20	Not Detected	0.39	PASS
	Nitrate as NO ₃	<20	Not Detected	0.39	PASS
	Sulfate as SO ₄	<20	0.60	0.39	PASS
	Phosphate as PO ₄	<20	Not Detected	0.39	PASS
	Total Anions	<60	5.18		PASS

Required Test	Analytes	Specification Limits,(µg/cm2)	Results ,(µg/cm2)	Method Detection Limit,(µg/cm2)	PASS/ FAIL
IC (Cations)	Lithium as Li	NA	Not Detected	0.47	NA
	Sodium as Na	NA	Not Detected	0.47	NA
	Ammonium as NH4	NA	Not Detected	0.47	NA
	Potassium as K	NA	1.10	0.47	NA
	Magnesium as Mg	NA	Not Detected	0.47	NA
	Calcium as Ca	NA	3.38	0.47	NA
	Total Cations	<60	4.48		PASS

ALS Testing Services
(Thailand) Co.,Ltd.

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