



REPORT

CUSTOMER'S REF NO:
ALS THAILAND REF NO: ELP-1145-IB
DATE: 24/9/2015
COMPANY: Boyd Technologies (Thailand) Co., Ltd. 555 Rasa Tower II, Unit 14

DATE SAMPLE RECEIVED: 9/2/2015
DATE ANALYZED: 9/2/2015
DATE TEST COMPLETED: 17/2/2015
SAMPLE DESCRIPTION: One lot of sample was received with references:
Description: Makara Bottom Damper (E-Polishi)
Model: P/N: 709700100
Surface Area: 0.39 Sq.inch (2 side)
Remark:

METHOD/PROCEDURE:

Analysis	Procedure No	Number of pieces used for extraction	Extraction Medium	Extraction Volume
IC	20800010-100 Rev.BE	9	Ultrapure Water at 80oC	30ml

RESULT:

The Specification is based on Seagate's Doc 20800010-100 Rev.BE for Mechanical Cmpmts in Contact w Discs (non EN Plated) to be used directly in cleanroom

Anionic Contamination	Specification Limits,()	Results,()
Fluoride as F	<0.05	0.0267
Chloride as Cl	<0.05	0.03
Nitrite as NO ₂	<0.05	0.03
Bromide as Br	<0.05	0.03
Nitrate as NO ₃	<0.05	0.03
Sulfate as SO ₄	<0.03	0.03
Phosphate as PO ₄	<0.05	0.03
Total of 7Anions	<0.1	0.2067

Cationic Contamination	Specification Limits,()	Results,()
Lithium as Li	NA	<0.002
Sodium as Na	NA	0.0033
Ammonium as NH ₄	<0.1	0.0033
Magnesium as Mg	NA	0.0033
Potassium as K	NA	0.0033
Calcium as Ca	NA	0.0033
Total Cations	NA	<0.0185

ALS Testing Services
(Thailand) Co.,Ltd.

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