

TRANSENE COMPANY, INC.
 DANVERS INDUSTRIAL PARK
 10 ELECTRONICS AVENUE
 DANVERS, MA 01923
 TEL: (978) 777-7860

TO:	PO#
DATE:	INV#

<u>PRODUCT</u>	<u>QUANTITY</u>	<u>LOT NO</u>	<u>DATE OF MFG</u>	<u>EXPIRATION DATE</u>
BOE 10:1 w/ surfactant				

This is to certify that this material meets the manufacturer's specification as to material, fabrication, inspection and lot identification.

TEST

Color
 Residue after ignition
 Assay (HF)
 Assay (NH₄F)
 Particles 1 µ & Greater
 Particles 0.5 µ & Greater
 Chloride (Cl)
 Nitrate
 Sulfate
 Phosphate

LIMITS

Alpha 10 max.
 10 ppm max.
 4.4-4.9
 34-38
 20 per mL max
 200 per mL max
 2 ppm max
 3 ppm max
 0.5 ppm max
 0.4 ppm

All values in ppb		<u>Limits</u>		<u>Limits</u>
Aluminum	(Al)	20	Lead	(Pb) 10
Barium	(Ba)	10	Lithium	(Li) 10
Boron	(B)	10	Magnesium	(Mg) 10
Cadmium	(Cd)	10	Manganese	(Mn) 10
Calcium	(Ca)	20	Nickel	(Ni) 10
Chromium	(Cr)	10	Potassium	(K) 20
Cobalt	(Co)	10	Silver	(Ag) 15
Copper	(Cu)	10	Sodium	(Na) 20
Gallium	(Ga)	10	Strontium	(Sr) 10
Germanium	(Ge)	10	Tin	(Sn) 20
Gold	(Au)	10	Titanium	(Ti) 10
Iron	(Fe)	20	Zinc	(Zn) 10

This product meets as a minimum, the Semiconductor Equipment and materials International (SEMI) Specifications as detailed in the Book of SEMI Standards.



C. Fisher, Quality Control

CERTIFICATION