

		 TCS EG SPECIFICATION	
		Specs Limit	Detection Limit
ON LIQUID	Purity (TCS content) %	> 99.95	< 0.03
	Chlorosilanes (TET)content %	< 0.05	< 0.03
	Chlorosilanes (DCS)content %	< 0.05	< 0.03
	Phosphorus ppbW	<0.18	< 0.18
ON DEPOSITED SILICON	Resistivity ohm * cm	> 2000 N type * > 5000 P type *	-
	Carbon ppma	< 0.20	< 0.1
	Boron ppba	< 0.08	< 0.02
	Aluminum ppba	< 0.02	< 0.01
	Phosphorous ppba	< 0.22 *	< 0.02
	Arsenic ppba	< 0.05	< 0.02
	Antimony ppba	< 0.03	< 0.01
ON DEPOSITED SILICON Bulk analysis by NAA	Copper ppba	< 1.0 *	< 0.001
	Chromium ppba	< 1.0 *	< 0.001
	Nickel ppba	< 1.0 *	< 0.001
	Iron ppba	< 5.0 *	< 0.001
	Cobalt ppba	< 1.0 *	< 0.001
	Vanadium ppba	< 1.0 *	< 0.001
EPI TEST	Resistivity ohm * cm	> 600 N type > 5000 P type	-
	Diffusion Length μm	> 400	-
	Iron atm/cm3	< 2.00 10E11	-

* NOT YET AVAILABLE