

CERTIFICATE OF ANALYSIS

Product:	CLS-855	Mark:	Cleaner
Lot No:	TS250815D	Grade:	ULSI
Manufacturing Date:	Aug-15-2025	Code No:	5630
Expire Date:	Aug-14-2026	Analysis Date:	Aug-15-2025

Parameters		Units	Specification	Analysis Value
Sodium Hydroxide	(NaOH)	% Weight	0.475 - 0.515	0.50
Potassium Pyrophosphate	(K4P2O7)	% Weight	1.85 - 2.05	1.95
Sodium Tripolyphosphate	(Na5P3O10)	% Weight	12.0 - 13.0	12.3
Surface Tension	(Surfactant)	dyn/cm	30 - 35	31.9
Total Alkalinity		meq/g	0.42 - 0.46	0.44
Appearance			Clear Liquid	Clear Liquid
Color		APHA	50 max.	< 20
Solubility in Water			Pass	Pass
Barium	(Ba)	ppb (µmg/g)	100 max.	< 10
Beryllium	(Be)	ppb (µmg/g)	100 max.	< 10
Cadmium	(Cd)	ppb (µmg/g)	100 max.	< 10
Cobalt	(Co)	ppb (µmg/g)	100 max.	< 10
Copper	(Cu)	ppb (µmg/g)	100 max.	< 10
Gallium	(Ga)	ppb (µmg/g)	100 max.	< 10
Germanium	(Ge)	ppb (µmg/g)	100 max.	< 10
Gold	(Au)	ppb (µmg/g)	100 max.	15
Lead	(Pb)	ppb (µmg/g)	100 max.	< 10
Lithium	(Li)	ppb (µmg/g)	100 max.	13
Manganese	(Mn)	ppb (µmg/g)	100 max.	< 10
Molybdenum	(Mo)	ppb (µmg/g)	100 max.	< 10
Nickel	(Ni)	ppb (µmg/g)	100 max.	< 10
Tantalum	(Ta)	ppb (µmg/g)	100 max.	< 10
Thallium	(Tl)	ppb (µmg/g)	100 max.	< 10
Tin	(Sn)	ppb (µmg/g)	100 max.	< 10
Titanium	(Ti)	ppb (µmg/g)	100 max.	< 10
Vanadium	(V)	ppb (µmg/g)	100 max.	< 10
Zirconium	(Zr)	ppb (µmg/g)	100 max.	< 10