

**Castle Analytical Laboratory
General Guidelines
TTLC/STLC/TCLP Limits**

Element	TTLC¹ Limit (mg/Kg)	STLC¹/TCLP² Limit (mg/L)	Run STLC if TTLC over¹:	Run TCLP if TTLC over²:
Antimony (Sb)	500	15	150	
Arsenic (As)	500	5	50	100
Barium (Ba)	10,000	100	1,000	2,000
Beryllium (Be)	75	0.75	7.5	
Cadmium (Cd)	100	1	10	20
Chromium (Cr)	2,500	5	50	100
Cobalt (Co)	8,000	80	800	
Copper (Cu)	2,500	25	250	
Lead (Pb)	1,000	5	50	100
Mercury (Hg)	20	0.2	2	4
Molybdenum (Mo)	3,500	350	3,500	
Nickel (Ni)	2,000	20	200	
Selenium (Se)	100	1	10	20
Silver (Ag)	500	5	50	100
Thallium (Tl)	700	7	70	
Vanadium (Va)	2,400	24	240	
Zinc (Zn)	5,000	250	2,500	

¹ TTLC (Total Threshold Limit Concentration) and STLC (Soluble Threshold Limit Concentration) are used for California regulated hazardous waste. Source is California Code of Regulations, Title 22, Chapter 11, Article 3.

² TCLP (Toxicity Characteristic Leaching Procedure) is used for defining federal hazardous waste. Source CFR Title 40 Part 261.24