

**METALS**  
STANDARD REPORTING LIMITS

**CA Title-22 Metals (CAM-17)**  
**EPA 6010B/7400**

CAS #	Element	Reporting Limit	
		µg/L	mg/Kg
7440-36-0	Sb Antimony	10	0.5
7440-38-2	As Arsenic	5	0.25
7440-39-3	Ba Barium	5	0.25
7440-41-7	Be Beryllium	2	0.1
7440-43-9	Cd Cadmium	5	0.25
7440-47-3	Cr Chromium	5	0.25
7440-48-4	Co Cobalt	5	0.25
7440-50-8	Cu Copper	5	0.25
7439-92-1	Pb Lead	3	0.25
7439-97-6	Hg Mercury	0.2	0.02
7439-98-7	Mo Molybdenum	5	0.25
7440-02-0	Ni Nickel	5	0.25
7782-49-2	Se Selenium	10	0.5
7440-22-4	Ag Silver	5	0.25
7440-28-0	Tl Thallium	10	0.5
7440-62-2	V Vanadium	5	0.25
7440-66-6	Zn Zinc	20	1

**Cations**  
**EPA 6010B**

CAS #	Element	Reporting Limit	
		µg/L	mg/Kg
7429-90-5	Al Aluminum	100	5
7440-70-2	Ca Calcium	500	25
7439-89-6	Fe Iron	100	5
7439-95-4	Mg Magnesium	500	25
7439-96-5	Mn Manganese	5	0.25
7440-09-7	K Potassium	500	25
7440-23-5	Na Sodium	500	25

**Miscellaneous Metals**  
**EPA 6010B**

CAS #	Element	Reporting Limit	
		µg/L	mg/Kg
7440-42-8	B Boron	100	5
7723-14-0	P Phosphorous	100	5
7440-21-3	Si Silicon	200	10
7440-31-5	Sn Tin	40	2
7440-32-6	Ti Titanium	10	0.5

**Priority Pollutant Metals (PP-13)**  
**EPA 6010B/7400**

CAS #	Element	Reporting Limit	
		µg/L	mg/Kg
7440-36-0	Sb Antimony	10	0.5
7440-38-2	As Arsenic	5	0.25
7440-41-7	Be Beryllium	2	0.1
7440-43-9	Cd Cadmium	5	0.25
7440-47-3	Cr Chromium	5	0.25
7440-50-8	Cu Copper	5	0.25
7439-92-1	Pb Lead	3	0.25
7439-97-6	Hg Mercury	0.2	0.02
7440-02-0	Ni Nickel	5	0.25
7782-49-2	Se Selenium	10	0.5
7440-22-4	Ag Silver	5	0.25
7440-28-0	Tl Thallium	10	0.5
7440-66-6	Zn Zinc	20	1

**RCRA-8 Metals**  
**EPA 6010B/7400**

CAS #	Element	Reporting Limit	
		µg/L	mg/Kg
7440-38-2	As Arsenic	5	0.25
7440-39-3	Ba Barium	5	0.25
7440-43-9	Cd Cadmium	5	0.25
7440-47-3	Cr Chromium	5	0.25
7439-92-1	Pb Lead	3	0.25
7439-97-6	Hg Mercury	0.2	0.02
7782-49-2	Se Selenium	10	0.5
7440-22-4	Ag Silver	5	0.25

**CA LUFT-5 Metals**  
**EPA 6010B**

CAS #	Element	Reporting Limit	
		µg/L	mg/Kg
7440-43-9	Cd Cadmium	5	0.25
7440-47-3	Cr Chromium	5	0.25
7439-92-1	Pb Lead	3	0.25
7440-02-0	Ni Nickel	5	0.25
7440-66-6	Zn Zinc	20	1

**Mercury**  
**EPA 7470A / EPA 7471A**

CAS #	Element	Reporting Limit	
		µg/L	mg/Kg
7439-97-6	Hg Mercury	0.2	0.02

**METALS**  
STANDARD REPORTING LIMITS

**ICP-MS Metals**  
**EPA 6020**

CAS #	Element	Reporting Limit*		CAS #	Element	Reporting Limit*	
		µg/L	mg/Kg			µg/L	mg/Kg
7429-90-5	Al Aluminum	50	1	7439-95-4	Mg Magnesium	50	25
7440-36-0	Sb Antimony	1	0.25	7439-96-5	Mn Manganese	1	0.25
7440-38-2	As Arsenic	1	0.25	7439-98-7	Mo Molybdenum	1	0.25
7440-39-3	Ba Barium	1	0.25	7440-02-0	Ni Nickel	1	0.25
7440-41-7	Be Beryllium	1	0.25	7440-09-7	K Potassium	50	25
7440-43-9	Cd Cadmium	1	0.25	7782-49-2	Se Selenium	1	0.25
7440-70-2	Ca Calcium	50	25	7440-22-4	Ag Silver	1	0.25
7440-47-3	Cr Chromium	1	0.25	7440-23-5	Na Sodium	50	25
7440-48-4	Co Cobalt	1	0.25	7440-28-0	Tl Thallium	1	0.25
7440-50-8	Cu Copper	1	0.25	7440-62-2	V Vanadium	1	0.25
7439-89-6	Fe Iron	50	1	7440-66-6	Zn Zinc	5	1.0
7439-92-1	Pb Lead	1	0.25				

**Low Level ICP-MS Metals**  
**EPA 6020 (by special request)**

CAS #	Element	Reporting Limit*		CAS #	Element	Reporting Limit*	
		µg/L	mg/Kg			µg/L	mg/Kg
7429-90-5	Al Aluminum	50	1	7439-95-4	Mg Magnesium	50	25
7440-36-0	Sb Antimony	0.25	0.25	7439-96-5	Mn Manganese	0.25	0.25
7440-38-2	As Arsenic	0.5	0.25	7439-98-7	Mo Molybdenum	0.5	0.25
7440-39-3	Ba Barium	0.25	0.25	7440-02-0	Ni Nickel	0.25	0.25
7440-41-7	Be Beryllium	0.25	0.25	7440-09-7	K Potassium	50	25
7440-43-9	Cd Cadmium	0.25	0.25	7782-49-2	Se Selenium	0.5	0.25
7440-70-2	Ca Calcium	50	25	7440-22-4	Ag Silver	0.25	0.25
7440-47-3	Cr Chromium	0.5	0.25	7440-23-5	Na Sodium	50	25
7440-48-4	Co Cobalt	0.25	0.25	7440-28-0	Tl Thallium	0.5	0.25
7440-50-8	Cu Copper	0.5	0.25	7440-62-2	V Vanadium	1	0.25
7439-89-6	Fe Iron	50	1	7440-66-6	Zn Zinc	5	1.0
7439-92-1	Pb Lead	0.25	0.25				

*Note:* Lower reporting limits may be possible for some elements. Contact your laboratory Project Manager for details.