

**metals**  
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**ANALYSIS RUN LOG**

**Client:** JACOBS Engineering Group, Inc.

**Contract:** JACO05

**Lab code:** CHEM **Case no.:** P3451 **Sas no.:** P3451

**Sdg no.:** P3451

**Instrument id number:** **Method:**

**Run number:** LB131900

**Start date:** 08/07/2024 **End date:** 08/07/2024

| Lab sample id. | Client Sample Id    | d/f | Time | Parameter list                                                                |
|----------------|---------------------|-----|------|-------------------------------------------------------------------------------|
| S0             | S0                  | 1   | 1416 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| S1             | S1                  | 1   | 1421 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| S2             | S2                  | 1   | 1425 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| S3             | S3                  | 1   | 1429 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| S4             | S4                  | 1   | 1433 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| S5             | S5                  | 1   | 1438 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| ICV01          | ICV01               | 1   | 1552 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| LLICV01        | LLICV01             | 1   | 1556 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| ICB01          | ICB01               | 1   | 1603 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CRI01          | CRI01               | 1   | 1607 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| ICSA01         | ICSA01              | 1   | 1612 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| ICSAB01        | ICSAB01             | 1   | 1616 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCV01          | CCV01               | 1   | 1620 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCB01          | CCB01               | 1   | 1625 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| PB162493BL     | PB162493BL          | 1   | 1629 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| PB162493BS     | PB162493BS          | 1   | 1634 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| P3440-01DUP    | 923-K1-WS-080124DUP | 1   | 1705 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| P3440-01L      | 923-K1-WS-080124L   | 5   | 1709 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCV02          | CCV02               | 1   | 1714 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCB02          | CCB02               | 1   | 1718 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| P3440-02       | 923-K1-WS-080124MS  | 1   | 1820 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| P3440-03       | 923-K1-WS-080124MSD | 1   | 1824 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| P3440-01A      | 923-K1-WS-080124A   | 1   | 1833 | Sr                                                                            |
| P3451-01       | 921-J-WS-080124     | 1   | 1847 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCV03          | CCV03               | 1   | 1851 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCB03          | CCB03               | 1   | 1855 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCV04          | CCV04               | 1   | 1948 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |
| CCB04          | CCB04               | 1   | 1952 | Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Mo,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V,Zn |

**metals**  
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**ANALYSIS RUN LOG**

**Client:** JACOBS Engineering Group, Inc.

**Contract:** JACO05

**Lab code:** CHEM **Case no.:** P3451 **Sas no.:** P3451

**Sdg no.:** P3451

**Instrument id number:**                      **Method:**                     

**Run number:** LB131960

**Start date:** 08/13/2024 **End date:** 08/13/2024

| Lab sample id. | Client Sample Id    | d/f | Time | Parameter list |
|----------------|---------------------|-----|------|----------------|
| S0             | S0                  | 1   | 0836 | HG             |
| S0.2           | S0.2                | 1   | 0839 | HG             |
| S2.5           | S2.5                | 1   | 0841 | HG             |
| S5             | S5                  | 1   | 0843 | HG             |
| S7.5           | S7.5                | 1   | 0845 | HG             |
| S10            | S10                 | 1   | 0850 | HG             |
| ICV72          | ICV72               | 1   | 0853 | HG             |
| ICB72          | ICB72               | 1   | 0855 | HG             |
| CCV35          | CCV35               | 1   | 0858 | HG             |
| CCB35          | CCB35               | 1   | 0903 | HG             |
| CRA            | CRA                 | 1   | 0910 | HG             |
| CCV36          | CCV36               | 1   | 0933 | HG             |
| CCB36          | CCB36               | 1   | 0935 | HG             |
| CCV37          | CCV37               | 1   | 1000 | HG             |
| CCB37          | CCB37               | 1   | 1005 | HG             |
| PB162680BL     | PB162680BL          | 1   | 1007 | HG             |
| PB162680BS     | PB162680BS          | 1   | 1009 | HG             |
| P3440-01DUP    | 923-K1-WS-080124DUP | 1   | 1025 | HG             |
| P3440-02       | 923-K1-WS-080124MS  | 1   | 1028 | HG             |
| CCV38          | CCV38               | 1   | 1030 | HG             |
| CCB38          | CCB38               | 1   | 1035 | HG             |
| P3440-03       | 923-K1-WS-080124MSD | 1   | 1037 | HG             |
| P3451-01       | 921-J-WS-080124     | 1   | 1042 | HG             |
| CCV39          | CCV39               | 1   | 1058 | HG             |
| CCB39          | CCB39               | 1   | 1104 | HG             |
| P3440-01L      | 923-K1-WS-080124L   | 5   | 1119 | HG             |
| CCV40          | CCV40               | 1   | 1124 | HG             |
| CCB40          | CCB40               | 1   | 1126 | HG             |