

metals
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ANALYSIS RUN LOG

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab code: CHEM **Case no.:** P3671 **Sas no.:** P3671

Sdg no.: P3671

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

Run number: LB132152

Start date: 08/24/2024 **End date:** 08/24/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0925	HG
S0.2	S0.2	1	0927	HG
S2.5	S2.5	1	0929	HG
S5	S5	1	0932	HG
S7.5	S7.5	1	0934	HG
S10	S10	1	0936	HG
ICV95	ICV95	1	0939	HG
ICB95	ICB95	1	0942	HG
CCV21	CCV21	1	0944	HG
CCB21	CCB21	1	0946	HG
CRA	CRA	1	0949	HG
CCV22	CCV22	1	1012	HG
CCB22	CCB22	1	1014	HG
CCV23	CCV23	1	1040	HG
CCB23	CCB23	1	1042	HG
PB162977BL	PB162977BL	1	1058	HG
PB162977BS	PB162977BS	1	1101	HG
P3671-01	S-904-J-SO-0-0.5-081924	1	1110	HG
P3671-01DUP	S-904-J-SO-0-0.5-081924	1	1112	HG
CCV24	CCV24	1	1115	HG
CCB24	CCB24	1	1117	HG
P3671-01MS	S-904-J-SO-0-0.5-081924MS	1	1119	HG
P3671-01MSD	S-904-J-SO-0-0.5-081924MSD	1	1121	HG
P3671-02	S-904-J-SO-0.5-1.0-081924	1	1124	HG
P3671-03	S-911-K1-SO-0-0.5-081924	1	1126	HG
P3671-04	S-911-K1-SO-0.5-1-081924	1	1128	HG
P3671-05	S-911-K1-SO-0-0.5-081924-FD	1	1131	HG
P3671-09	S-928-K1-SO-0-0.5-081924	1	1140	HG
CCV25	CCV25	1	1143	HG
CCB25	CCB25	1	1145	HG
P3671-10	S-928-K1-SO-0.5-1-081924	1	1148	HG
P3671-11	S-903-J-SO-0-0.5-081924	1	1150	HG
P3671-12	S-903-J-SO-0.5-1.0-081924	1	1152	HG
P3671-13	S-912-J-SO-0-0.5-081924	1	1154	HG
P3671-14	S-912-J-SO-0.5-1-081924	1	1157	HG
CCV26	CCV26	1	1211	HG
CCB26	CCB26	1	1213	HG
CCV27	CCV27	1	1238	HG
CCB27	CCB27	1	1240	HG
CCV28	CCV28	1	1306	HG
CCB28	CCB28	1	1308	HG

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Instrument id number: **Method:**

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Lab sample id.	Client Sample Id	d/f	Time	Parameter list
P3671-01L	S-904-J-SO-0-0.5-081924	5	1319	HG
P3671-01A	S-904-J-SO-0-0.5-081924	1	1322	HG
CCV29	CCV29	1	1329	HG
CCB29	CCB29	1	1331	HG
P3671-07	S-905-J-SO-0-0.5-081924-FD	5	1342	HG
P3671-06	S-905-J-SO-0-0.5-081924	5	1345	HG
P3671-08	S-905-J-SO-0.5-1.0-081924	10	1347	HG
CCV30	CCV30	1	1349	HG
CCB30	CCB30	1	1352	HG

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Sas no.: P3671

Sdg no.: P3671

Instrument id number: **Method:**

Run number: LB132155

Start date: 08/25/2024 **End date:** 08/26/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1438	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1442	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1445	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1448	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S6	S6	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S7	S7	1	1457	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S8	S8	1	1459	Al,Ca,Fe,K,Mg,Na
ICV01	ICV01	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV	LLICV	1	1702	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1705	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1708	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1711	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1714	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1723	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI	CRI	1	1726	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1803	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1809	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1843	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1849	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1927	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1933	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	2014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	2029	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2102	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2114	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB162888BL	PB162888BL	1	2122	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB162888BS	PB162888BS	1	2126	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-01	S-904-J-SO-0-0.5-081924	1	2129	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-02	S-904-J-SO-0.5-1.0-081924	1	2135	Ag,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Tl,V,Zn
P3671-02	S-904-J-SO-0.5-1.0-081924	5	2138	Al,As,Se
P3671-03	S-911-K1-SO-0-0.5-081924	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2147	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2155	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-04	S-911-K1-SO-0.5-1-081924	1	2200	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Na,Ni,Pb,Sb,Tl,V,Zn
P3671-04	S-911-K1-SO-0.5-1-081924	5	2203	As,Mn,Se
P3671-05	S-911-K1-SO-0-0.5-081924-FD	1	2206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Tl,V,Zn
P3671-05	S-911-K1-SO-0-0.5-081924-FD	5	2209	Se
P3671-06	S-905-J-SO-0-0.5-081924	1	2212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-07	S-905-J-SO-0-0.5-081924-FD	1	2219	Ag,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Tl,V,Zn
P3671-07	S-905-J-SO-0-0.5-081924-FD	5	2222	Al,As,Se

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Run number: LB132155

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P3671-08	S-905-J-SO-0.5-1.0-081924	1	2225	Ag,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Tl,V,Zn
P3671-08	S-905-J-SO-0.5-1.0-081924	5	2228	Al,As,Se
CCV08	CCV08	1	2231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-09	S-928-K1-SO-0-0.5-081924	1	2254	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Na,Ni,Pb,Sb,Tl,V,Zn
P3671-09	S-928-K1-SO-0-0.5-081924	5	2257	As,Mn,Se
P3671-10	S-928-K1-SO-0.5-1-081924	1	2300	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Na,Ni,Pb,Sb,Tl,V,Zn
P3671-10	S-928-K1-SO-0.5-1-081924	5	2303	As,Mn,Se
P3671-11	S-903-J-SO-0-0.5-081924	1	2306	Ag,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-11	S-903-J-SO-0-0.5-081924	5	2309	Al
P3671-12	S-903-J-SO-0.5-1.0-081924	1	2312	Ag,As,Ba,Be,Ca,Cd,Co,Cr,Cu,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-12	S-903-J-SO-0.5-1.0-081924	5	2315	Al,Fe
P3671-13	S-912-J-SO-0-0.5-081924	1	2319	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2343	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-14	S-912-J-SO-0.5-1-081924	1	2346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-14DUP	S-912-J-SO-0.5-1-081924DUP	1	2353	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-14L	S-912-J-SO-0.5-1-081924L	5	2359	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-14MS	S-912-J-SO-0.5-1-081924MS	1	0006	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-14MSD	S-912-J-SO-0.5-1-081924MSD	1	0012	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	0042	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	0052	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
P3671-14A	S-912-J-SO-0.5-1-081924A	1	0055	Ag,Al
CCV11	CCV11	1	0117	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	0130	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn