

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc.

Contract: JAC005

Lab Code: CHEM Case no.: P3457

Sas No.: P3457 SDG No.: P3457

Instrument ID: P7

Start Date : 08/25/2024

Run Number: LB132155

End Date : 08/26/2024

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1438	100		100							
S2	S2	1442	103		103							
S3	S3	1445	104		104							
S4	S4	1448	104		103							
S5	S5	1451	105		105							
S6	S6	1454	107		105							
S7	S7	1457	107		104							
S8	S8	1459	104		93							
ICV01	ICV01	1638	105		107							
LLICV	LLICV	1702	103		105							
ICB01	ICB01	1705	104		105							
ICSA01	ICSA01	1708	107		104							
ICSAB01	ICSAB01	1711	108		105							
CCV01	CCV01	1714	108		104							
CCB01	CCB01	1723	103		106							
CRI	CRI	1726	103		105							
PB162950BL	PB162950BL	1731	102		105							
PB162950BS	PB162950BS	1734	106		105							
ZZZZZZ	ZZZZZZ	1741										
ZZZZZZ	ZZZZZZ	1744										
ZZZZZZ	ZZZZZZ	1747										
ZZZZZZ	ZZZZZZ	1750										
ZZZZZZ	ZZZZZZ	1753										
ZZZZZZ	ZZZZZZ	1757										
ZZZZZZ	ZZZZZZ	1800										
CCV02	CCV02	1803	106		102							
CCB02	CCB02	1809	103		106							
ZZZZZZ	ZZZZZZ	1813										
P3440-01DUP	923-K1-WS-08	1816	105		105							
P3440-01L	923-K1-WS-08	1819	105		108							
ZZZZZZ	ZZZZZZ	1822										
P3440-02	923-K1-WS-08	1825	109		107							
P3440-03	923-K1-WS-08	1828	107		105							
P3440-01A	923-K1-WS-08	1831	110		106							

Internal Standard %RI Limit: 70 -130

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			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
P3457-01	924-K1-WS-08	1834	105		105							
P3457-02	932-K1-WS-08	1837	105		105							
ZZZZZZ	ZZZZZZ	1840										
CCV03	CCV03	1843	107		103							
CCB03	CCB03	1849	101		105							
ZZZZZZ	ZZZZZZ	1855										
ZZZZZZ	ZZZZZZ	1858										
ZZZZZZ	ZZZZZZ	1902										
ZZZZZZ	ZZZZZZ	1905										
ZZZZZZ	ZZZZZZ	1908										
ZZZZZZ	ZZZZZZ	1911										
ZZZZZZ	ZZZZZZ	1914										
ZZZZZZ	ZZZZZZ	1917										
ZZZZZZ	ZZZZZZ	1921										
ZZZZZZ	ZZZZZZ	1924										
CCV04	CCV04	1927	107		102							
CCB04	CCB04	1933	104		107							
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1940										
ZZZZZZ	ZZZZZZ	1948										
ZZZZZZ	ZZZZZZ	1951										
ZZZZZZ	ZZZZZZ	1954										
ZZZZZZ	ZZZZZZ	1958										
ZZZZZZ	ZZZZZZ	2001										
ZZZZZZ	ZZZZZZ	2004										
ZZZZZZ	ZZZZZZ	2007										
ZZZZZZ	ZZZZZZ	2011										
CCV05	CCV05	2014	106		102							
CCB05	CCB05	2029	99		104							
ZZZZZZ	ZZZZZZ	2032										
ZZZZZZ	ZZZZZZ	2035										
ZZZZZZ	ZZZZZZ	2039										
ZZZZZZ	ZZZZZZ	2042										
ZZZZZZ	ZZZZZZ	2045										

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			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	2048										
ZZZZZZ	ZZZZZZ	2051										
ZZZZZZ	ZZZZZZ	2054										
ZZZZZZ	ZZZZZZ	2056										
P3440-02	923-K1-WS-08	2059	104		104							
CCV06	CCV06	2102	107		103							
CCB06	CCB06	2114	100		106							
P3440-03	923-K1-WS-08	2117	106		105							
P3440-01A	923-K1-WS-08	2120	80		80							
ZZZZZZ	ZZZZZZ	2122										
ZZZZZZ	ZZZZZZ	2126										
ZZZZZZ	ZZZZZZ	2129										
ZZZZZZ	ZZZZZZ	2132										
ZZZZZZ	ZZZZZZ	2135										
ZZZZZZ	ZZZZZZ	2138										
ZZZZZZ	ZZZZZZ	2141										
ZZZZZZ	ZZZZZZ	2144										
CCV07	CCV07	2147	106		101							
CCB07	CCB07	2155	106		109							
ZZZZZZ	ZZZZZZ	2200										
ZZZZZZ	ZZZZZZ	2203										
ZZZZZZ	ZZZZZZ	2206										
ZZZZZZ	ZZZZZZ	2209										
ZZZZZZ	ZZZZZZ	2212										
ZZZZZZ	ZZZZZZ	2216										
ZZZZZZ	ZZZZZZ	2219										
ZZZZZZ	ZZZZZZ	2222										
ZZZZZZ	ZZZZZZ	2225										
ZZZZZZ	ZZZZZZ	2228										
CCV08	CCV08	2231	108		103							
CCB08	CCB08	2250	101		105							
ZZZZZZ	ZZZZZZ	2254										
ZZZZZZ	ZZZZZZ	2257										
ZZZZZZ	ZZZZZZ	2300										

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Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	2303										
ZZZZZZ	ZZZZZZ	2306										
ZZZZZZ	ZZZZZZ	2309										
ZZZZZZ	ZZZZZZ	2312										
ZZZZZZ	ZZZZZZ	2315										
ZZZZZZ	ZZZZZZ	2319										
ZZZZZZ	ZZZZZZ	2322										
CCV09	CCV09	2334	102		97							
CCB09	CCB09	2343	103		105							
ZZZZZZ	ZZZZZZ	2346										
ZZZZZZ	ZZZZZZ	2350										
ZZZZZZ	ZZZZZZ	2353										
ZZZZZZ	ZZZZZZ	2356										
ZZZZZZ	ZZZZZZ	2359										
ZZZZZZ	ZZZZZZ	0003										
ZZZZZZ	ZZZZZZ	0006										
ZZZZZZ	ZZZZZZ	0009										
ZZZZZZ	ZZZZZZ	0012										
ZZZZZZ	ZZZZZZ	0014										
CCV10	CCV10	0042	103		98							
CCB10	CCB10	0052	102		106							
ZZZZZZ	ZZZZZZ	0055										
ZZZZZZ	ZZZZZZ	0058										
P3440-01A	923-K1-WS-08	0115	102		102							
CCV11	CCV11	0117	104		100							
CCB11	CCB11	0130	102		102							

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			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1438	100									
S2	S2	1442	102									
S3	S3	1445	103									
S4	S4	1448	104									
S5	S5	1451	102									
S6	S6	1454	101									
S7	S7	1457	102									
S8	S8	1459	92									
ICV01	ICV01	1638	105									
LLICV	LLICV	1702	104									
ICB01	ICB01	1705	105									
ICSA01	ICSA01	1708	102									
ICSAB01	ICSAB01	1711	100									
CCV01	CCV01	1714	100									
CCB01	CCB01	1723	104									
CRI	CRI	1726	103									
PB162950BL	PB162950BL	1731	104									
PB162950BS	PB162950BS	1734	103									
ZZZZZZ	ZZZZZZ	1741										
ZZZZZZ	ZZZZZZ	1744										
ZZZZZZ	ZZZZZZ	1747										
ZZZZZZ	ZZZZZZ	1750										
ZZZZZZ	ZZZZZZ	1753										
ZZZZZZ	ZZZZZZ	1757										
ZZZZZZ	ZZZZZZ	1800										
CCV02	CCV02	1803	100									
CCB02	CCB02	1809	106									
ZZZZZZ	ZZZZZZ	1813										
P3440-01DUP	923-K1-WS-08	1816	106									
P3440-01L	923-K1-WS-08	1819	106									
ZZZZZZ	ZZZZZZ	1822										
P3440-02	923-K1-WS-08	1825	106									
P3440-03	923-K1-WS-08	1828	105									
P3440-01A	923-K1-WS-08	1831	106									

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			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
P3457-01	924-K1-WS-08	1834	104									
P3457-02	932-K1-WS-08	1837	104									
ZZZZZZ	ZZZZZZ	1840										
CCV03	CCV03	1843	101									
CCB03	CCB03	1849	108									
ZZZZZZ	ZZZZZZ	1855										
ZZZZZZ	ZZZZZZ	1858										
ZZZZZZ	ZZZZZZ	1902										
ZZZZZZ	ZZZZZZ	1905										
ZZZZZZ	ZZZZZZ	1908										
ZZZZZZ	ZZZZZZ	1911										
ZZZZZZ	ZZZZZZ	1914										
ZZZZZZ	ZZZZZZ	1917										
ZZZZZZ	ZZZZZZ	1921										
ZZZZZZ	ZZZZZZ	1924										
CCV04	CCV04	1927	100									
CCB04	CCB04	1933	108									
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1940										
ZZZZZZ	ZZZZZZ	1948										
ZZZZZZ	ZZZZZZ	1951										
ZZZZZZ	ZZZZZZ	1954										
ZZZZZZ	ZZZZZZ	1958										
ZZZZZZ	ZZZZZZ	2001										
ZZZZZZ	ZZZZZZ	2004										
ZZZZZZ	ZZZZZZ	2007										
ZZZZZZ	ZZZZZZ	2011										
CCV05	CCV05	2014	100									
CCB05	CCB05	2029	105									
ZZZZZZ	ZZZZZZ	2032										
ZZZZZZ	ZZZZZZ	2035										
ZZZZZZ	ZZZZZZ	2039										
ZZZZZZ	ZZZZZZ	2042										
ZZZZZZ	ZZZZZZ	2045										

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			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	2048										
ZZZZZZ	ZZZZZZ	2051										
ZZZZZZ	ZZZZZZ	2054										
ZZZZZZ	ZZZZZZ	2056										
P3440-02	923-K1-WS-08	2059	103									
CCV06	CCV06	2102	102									
CCB06	CCB06	2114	106									
P3440-03	923-K1-WS-08	2117	104									
P3440-01A	923-K1-WS-08	2120	105									
ZZZZZZ	ZZZZZZ	2122										
ZZZZZZ	ZZZZZZ	2126										
ZZZZZZ	ZZZZZZ	2129										
ZZZZZZ	ZZZZZZ	2132										
ZZZZZZ	ZZZZZZ	2135										
ZZZZZZ	ZZZZZZ	2138										
ZZZZZZ	ZZZZZZ	2141										
ZZZZZZ	ZZZZZZ	2144										
CCV07	CCV07	2147	103									
CCB07	CCB07	2155	109									
ZZZZZZ	ZZZZZZ	2200										
ZZZZZZ	ZZZZZZ	2203										
ZZZZZZ	ZZZZZZ	2206										
ZZZZZZ	ZZZZZZ	2209										
ZZZZZZ	ZZZZZZ	2212										
ZZZZZZ	ZZZZZZ	2216										
ZZZZZZ	ZZZZZZ	2219										
ZZZZZZ	ZZZZZZ	2222										
ZZZZZZ	ZZZZZZ	2225										
ZZZZZZ	ZZZZZZ	2228										
CCV08	CCV08	2231	103									
CCB08	CCB08	2250	107									
ZZZZZZ	ZZZZZZ	2254										
ZZZZZZ	ZZZZZZ	2257										
ZZZZZZ	ZZZZZZ	2300										

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			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	ZZZZZZ	2303										
ZZZZZZ	ZZZZZZ	2306										
ZZZZZZ	ZZZZZZ	2309										
ZZZZZZ	ZZZZZZ	2312										
ZZZZZZ	ZZZZZZ	2315										
ZZZZZZ	ZZZZZZ	2319										
ZZZZZZ	ZZZZZZ	2322										
CCV09	CCV09	2334	98									
CCB09	CCB09	2343	108									
ZZZZZZ	ZZZZZZ	2346										
ZZZZZZ	ZZZZZZ	2350										
ZZZZZZ	ZZZZZZ	2353										
ZZZZZZ	ZZZZZZ	2356										
ZZZZZZ	ZZZZZZ	2359										
ZZZZZZ	ZZZZZZ	0003										
ZZZZZZ	ZZZZZZ	0006										
ZZZZZZ	ZZZZZZ	0009										
ZZZZZZ	ZZZZZZ	0012										
ZZZZZZ	ZZZZZZ	0014										
CCV10	CCV10	0042	100									
CCB10	CCB10	0052	107									
ZZZZZZ	ZZZZZZ	0055										
ZZZZZZ	ZZZZZZ	0058										
P3440-01A	923-K1-WS-08	0115	105									
CCV11	CCV11	0117	100									
CCB11	CCB11	0130	109									