

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: P3609

Sas No.: P3609 SDG No.: P3609

Instrument ID: P7

Start Date : 09/04/2024

Run Number: LB132280

End Date : 09/04/2024

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1316	100		100		100		100		100	
S2	S2	1319	100		100		99		97		97	
S3	S3	1323	103		100		102		96		99	
S4	S4	1326	108		101		101		97		102	
S5	S5	1329	114		103		101		97		102	
S6	S6	1332	117		100		99		95		103	
S7	S7	1335	116		103		101		94		105	
S8	S8	1338	116		95		94		85		102	
ICV01	ICV01	1351	110		98		97		94		97	
LLICV	LLICV	1406	106		96		96		95		98	
ICB01	ICB01	1410	104		96		93		92		96	
ICSA01	ICSA01	1413	108		97		96		90		102	
ICSAB01	ICSAB01	1417	107		97		98		90		102	
CCV01	CCV01	1420	108		97		97		89		101	
CCB01	CCB01	1434	99		96		96		94		99	
CRI	CRI	1440	101		98		97		95		99	
ZZZZZZ	ZZZZZZ	1444										
ZZZZZZ	ZZZZZZ	1447										
PB163150BL	PB163150BL	1456	107		99		95		93		98	
PB163150BS	PB163150BS	1512	109		99		99		93		101	
ZZZZZZ	ZZZZZZ	1520										
ZZZZZZ	ZZZZZZ	1523										
P3596-02DUP	918-J-WS-08	1526	110		94		93		88		96	
P3596-02L	918-J-WS-08	1530	111		97		95		93		98	
P3596-02MS	918-J-WS-08	1541	110		95		92		87		96	
CCV02	CCV02	1547	114		98		96		87		101	
CCB02	CCB02	1554	109		97		97		94		100	
P3596-02MSD	918-J-WS-08	1557	108		94		92		88		96	
P3596-02A	918-J-WS-08	1600	111		95		94		87		95	
P3609-01	915-J-WS-08	1603	110		93		92		89		96	
P3609-02	920-J-WS-08	1607	111		96		92		90		96	
ZZZZZZ	ZZZZZZ	1610										
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1620										
ZZZZZZ	ZZZZZZ	1623										

Internal Standard %RI Limit: 70 - 130

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			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	ZZZZZZ	1626										
CCV03	CCV03	1630	115		100		98		89		102	
CCB03	CCB03	1646	102		97		96		93		96	

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Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1316	100		100		100		100		100	
S2	S2	1319	100		98		101		100		98	
S3	S3	1323	101		100		101		102		100	
S4	S4	1326	100		99		101		102		100	
S5	S5	1329	98		97		100		102		103	
S6	S6	1332	95		97		95		102		103	
S7	S7	1335	95		97		95		104		103	
S8	S8	1338	92		93		88		101		102	
ICV01	ICV01	1351	94		94		97		98		97	
LLICV	LLICV	1406	94		94		98		97		96	
ICB01	ICB01	1410	93		93		96		97		96	
ICSA01	ICSA01	1413	94		95		94		100		100	
ICSAB01	ICSAB01	1417	94		95		94		100		102	
CCV01	CCV01	1420	93		93		91		100		100	
CCB01	CCB01	1434	93		93		95		96		97	
CRI	CRI	1440	94		94		97		98		96	
ZZZZZZ	ZZZZZZ	1444										
ZZZZZZ	ZZZZZZ	1447										
PB163150BL	PB163150BL	1456	92		94		98		99		100	
PB163150BS	PB163150BS	1512	94		95		96		100		101	
ZZZZZZ	ZZZZZZ	1520										
ZZZZZZ	ZZZZZZ	1523										
P3596-02DUP	918-J-WS-08	1526	91		93		95		99		99	
P3596-02L	918-J-WS-08	1530	91		95		96		98		99	
P3596-02MS	918-J-WS-08	1541	90		91		93		99		101	
CCV02	CCV02	1547	91		93		91		100		100	
CCB02	CCB02	1554	94		94		98		99		100	
P3596-02MSD	918-J-WS-08	1557	89		90		91		96		96	
P3596-02A	918-J-WS-08	1600	90		91		94		98		98	
P3609-01	915-J-WS-08	1603	92		91		94		98		98	
P3609-02	920-J-WS-08	1607	92		93		96		98		100	
ZZZZZZ	ZZZZZZ	1610										
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1620										
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ZZZZZZ	ZZZZZZ	1626										
CCV03	CCV03	1630	93		94		92		102		103	
CCB03	CCB03	1646	94		94		98		98		98	