

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q1812

Sas No.: Q1812 SDG No.: Q1812

Instrument ID: P8

Start Date : 04/21/2025

Run Number: LB135513

End Date : 04/21/2025

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	1514	100		100		100		100		100	
S2	S2	1520	98		100		99		99		97	
S3	S3	1524	101		100		99		99		101	
S4	S4	1527	105		98		99		98		101	
S5	S5	1530	105		96		96		95		100	
S6	S6	1533	101		92		94		90		99	
S7	S7	1536	99		90		93		87		98	
S8	S8	1538	90		87		90		78		91	
ICV01	ICV01	1546	108		98		99		101		103	
LLICV	LLICV	1554	107		99		99		101		102	
ICB01	ICB01	1601	106		101		102		102		101	
ICSA01	ICSA01	1605	99		97		98		90		98	
ICSAB01	ICSAB01	1612	100		98		97		90		99	
CCV01	CCV01	1615	95		95		94		85		97	
CCB01	CCB01	1618	108		104		103		103		105	
CRI	CRI	1632	105		104		103		102		103	
ZZZZZZ	ZZZZZZ	1636										
ZZZZZZ	ZZZZZZ	1639										
ZZZZZZ	ZZZZZZ	1642										
ZZZZZZ	ZZZZZZ	1645										
ZZZZZZ	ZZZZZZ	1648										
Q1824-04DUP	285DUP	1652	111		112		108		102		108	
Q1824-04L	285L	1655	110		109		107		106		107	
Q1824-04MS	285MS	1658	100		109		106		98		105	
CCV02	CCV02	1701	94		99		98		89		98	
CCB02	CCB02	1704	106		109		107		107		107	
Q1824-04MSD	285MSD	1707	99		110		107		99		105	
Q1824-04A	285A	1710	97		107		105		98		104	
ZZZZZZ	ZZZZZZ	1713										
ZZZZZZ	ZZZZZZ	1716										
ZZZZZZ	ZZZZZZ	1719										
ZZZZZZ	ZZZZZZ	1726										
ZZZZZZ	ZZZZZZ	1733										
ZZZZZZ	ZZZZZZ	1737										
CCV03	CCV03	1744	91		99		97		88		97	
CCB03	CCB03	1748	107		106		106		105		106	

Internal Standard %RI Limit: 70 - 130

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Sas No.: Q1812 SDG No.: Q1812

Instrument ID: P8

Start Date : 04/21/2025

Run Number: LB135513

End Date : 04/21/2025

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	1514	100		100		100		100		100	
S2	S2	1520	98		99		98		98		99	
S3	S3	1524	97		98		96		98		99	
S4	S4	1527	94		95		93		96		99	
S5	S5	1530	91		93		92		96		98	
S6	S6	1533	90		90		88		94		95	
S7	S7	1536	89		88		84		92		94	
S8	S8	1538	87		90		77		91		93	
ICV01	ICV01	1546	95		99		99		101		103	
LLICV	LLICV	1554	97		100		99		100		103	
ICB01	ICB01	1601	99		101		100		101		102	
ICSA01	ICSA01	1605	93		95		88		97		97	
ICSAB01	ICSAB01	1612	95		95		89		96		97	
CCV01	CCV01	1615	98		96		85		95		96	
CCB01	CCB01	1618	101		101		101		101		103	
CRI	CRI	1632	101		100		99		99		100	
ZZZZZZ	ZZZZZZ	1636										
ZZZZZZ	ZZZZZZ	1639										
ZZZZZZ	ZZZZZZ	1642										
ZZZZZZ	ZZZZZZ	1645										
ZZZZZZ	ZZZZZZ	1648										
Q1824-04DUP	285DUP	1652	103		103		100		103		106	
Q1824-04L	285L	1655	103		103		103		103		106	
Q1824-04MS	285MS	1658	106		101		96		102		104	
CCV02	CCV02	1701	100		96		88		96		99	
CCB02	CCB02	1704	103		102		105		103		105	
Q1824-04MSD	285MSD	1707	106		101		96		101		104	
Q1824-04A	285A	1710	104		99		93		100		101	
ZZZZZZ	ZZZZZZ	1713										
ZZZZZZ	ZZZZZZ	1716										
ZZZZZZ	ZZZZZZ	1719										
ZZZZZZ	ZZZZZZ	1726										
ZZZZZZ	ZZZZZZ	1733										
ZZZZZZ	ZZZZZZ	1737										
CCV03	CCV03	1744	98		95		88		96		97	
CCB03	CCB03	1748	99		100		103		100		102	

Internal Standard %RI Limit: 70 - 130

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q1812

Sas No.: Q1812 SDG No.: Q1812

Instrument ID: P8

Start Date : 04/29/2025

Run Number: LB135595

End Date : 04/29/2025

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	1131	100		100		100		100		100	
S2	S2	1138	99		96		98		98		97	
S3	S3	1141	99		98		96		98		99	
S4	S4	1145	100		95		97		96		99	
S5	S5	1147	97		93		96		93		99	
S6	S6	1150	94		93		96		92		99	
S7	S7	1153	91		90		94		89		98	
S8	S8	1156	85		90		91		81		93	
ICV01	ICV01	1214	101		103		104		103		103	
LLICV	LLICV	1218	102		103		104		103		103	
ICB01	ICB01	1229	99		104		103		103		103	
ICSA01	ICSA01	1232	94		99		99		91		98	
ICSAB01	ICSAB01	1237	94		103		103		93		100	
CCV01	CCV01	1240	91		101		100		90		98	
CCB01	CCB01	1244	102		108		106		107		104	
CRI	CRI	1247	103		108		107		105		106	
Q1812-02	RINSE-EB-TA	1250	105		111		111		107		108	
Q1812-03	RINSE-EB-PU	1254	105		111		110		107		107	
PB167612BL	PB167612BL	1257	101		106		106		105		103	
PB167612BS	PB167612BS	1300	99		104		102		97		102	
CCV02	CCV02	1303	93		99		99		89		97	
CCB02	CCB02	1307	102		109		109		108		105	

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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	1131	100		100		100		100		100	
S2	S2	1138	98		98		98		99		98	
S3	S3	1141	94		97		96		97		96	
S4	S4	1145	94		95		94		97		97	
S5	S5	1147	91		94		90		96		95	
S6	S6	1150	92		92		89		95		95	
S7	S7	1153	94		92		86		94		94	
S8	S8	1156	94		95		81		95		95	
ICV01	ICV01	1214	104		104		103		104		103	
LLICV	LLICV	1218	102		103		102		103		101	
ICB01	ICB01	1229	99		100		99		99		99	
ICSA01	ICSA01	1232	100		99		91		100		97	
ICSAB01	ICSAB01	1237	102		102		94		101		99	
CCV01	CCV01	1240	106		103		91		100		100	
CCB01	CCB01	1244	106		107		106		106		104	
CRI	CRI	1247	107		107		106		105		105	
Q1812-02	RINSE-EB-TA	1250	112		110		106		109		109	
Q1812-03	RINSE-EB-PU	1254	110		109		106		108		107	
PB167612BL	PB167612BL	1257	106		106		104		104		102	
PB167612BS	PB167612BS	1300	105		102		97		102		100	
CCV02	CCV02	1303	104		101		90		99		99	
CCB02	CCB02	1307	108		107		107		105		106	