

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: ACE

SDG No.: Q2878

Instrument ID: P7

Start Date : 08/21/2025

Run Number: LB136916

End Date : 08/21/2025

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	1133	100		100		100		100		100	
S2	S2	1139	106		103		101		103		101	
S3	S3	1143	108		102		102		102		100	
S4	S4	1146	107		101		101		100		100	
S5	S5	1149	109		102		102		100		104	
S6	S6	1152	110		103		104		100		106	
S7	S7	1154	108		103		103		99		106	
S8	S8	1157	107		103		103		95		104	
ICV01	ICV01	1215	105		99		98		98		98	
LLICV01	LLICV01	1226	103		97		98		98		99	
ICB01	ICB01	1229	103		99		100		97		98	
ICSA01	ICSA01	1233	104		99		103		98		105	
ICSAB01	ICSAB01	1236	102		101		103		100		104	
CCV01	CCV01	1239	104		105		107		101		106	
CCB01	CCB01	1244	99		102		104		103		101	
CRI	CRI	1248	99		101		104		102		101	
CCV02	CCV02	1340	107		103		104		98		103	
CCB02	CCB02	1343	103		99		100		100		98	
ZZZZZZ	ZZZZZZ	1346										
ZZZZZZ	ZZZZZZ	1350										
PB169323BL	PB169323BL	1352	99		96		98		96		96	
PB169323BS	PB169323BS	1356	105		102		104		101		103	
Q2878-01	MW-18B-57.5	1358	119		119		119		116		117	
Q2878-01DUP	MW-18B-57.5	1402	121		120		123		118		121	
Q2878-01L	MW-18B-57.5	1405	106		107		107		105		105	
Q2878-01MS	MW-18B-57.5	1408	122		124		125		118		121	
Q2878-01MSD	MW-18B-57.5	1411	121		122		124		119		120	
Q2878-01A	MW-18B-57.5	1414	121		123		125		119		121	
CCV03	CCV03	1432	103		107		107		99		105	
CCB03	CCB03	1434	100		99		100		98		99	
Q2878-02	MW-18B-57.5	1439	112		115		115		112		111	
ZZZZZZ	ZZZZZZ	1442										
ZZZZZZ	ZZZZZZ	1445										
ZZZZZZ	ZZZZZZ	1448										
ZZZZZZ	ZZZZZZ	1451										
ZZZZZZ	ZZZZZZ	1506										

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	1509										
CCV04	CCV04	1512	116		116		114		107		111	
CCB04	CCB04	1518	106		103		104		101		100	

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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	1133	100		100		100		100		100	
S2	S2	1139	103		103		103		102		103	
S3	S3	1143	103		102		102		103		102	
S4	S4	1146	101		99		101		101		102	
S5	S5	1149	101		100		98		103		103	
S6	S6	1152	102		101		100		101		104	
S7	S7	1154	105		104		102		107		107	
S8	S8	1157	107		105		98		105		108	
ICV01	ICV01	1215	99		97		99		98		101	
LLICV01	LLICV01	1226	99		100		101		101		101	
ICB01	ICB01	1229	97		100		99		100		101	
ICSA01	ICSA01	1233	101		102		100		102		104	
ICSAB01	ICSAB01	1236	104		103		101		105		107	
CCV01	CCV01	1239	111		111		105		108		110	
CCB01	CCB01	1244	103		104		105		103		104	
CRI	CRI	1248	103		103		103		102		103	
CCV02	CCV02	1340	106		105		99		106		108	
CCB02	CCB02	1343	99		100		99		101		103	
ZZZZZZ	ZZZZZZ	1346										
ZZZZZZ	ZZZZZZ	1350										
PB169323BL	PB169323BL	1352	98		98		100		98		101	
PB169323BS	PB169323BS	1356	104		104		103		106		107	
Q2878-01	MW-18B-57.5	1358	118		119		117		116		123	
Q2878-01DUP	MW-18B-57.5	1402	121		122		118		118		123	
Q2878-01L	MW-18B-57.5	1405	106		107		105		105		108	
Q2878-01MS	MW-18B-57.5	1408	124		122		120		120		125	
Q2878-01MSD	MW-18B-57.5	1411	122		123		118		118		124	
Q2878-01A	MW-18B-57.5	1414	122		123		119		121		123	
CCV03	CCV03	1432	106		104		99		103		107	
CCB03	CCB03	1434	100		101		99		100		105	
Q2878-02	MW-18B-57.5	1439	114		116		112		113		116	
ZZZZZZ	ZZZZZZ	1442										
ZZZZZZ	ZZZZZZ	1445										
ZZZZZZ	ZZZZZZ	1448										
ZZZZZZ	ZZZZZZ	1451										
ZZZZZZ	ZZZZZZ	1506										

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ZZZZZZ	ZZZZZZ	1509										
CCV04	CCV04	1512	114		112		106		112		114	
CCB04	CCB04	1518	103		102		101		102		106	