

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

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	1800	100		100		100		100		100	
S2	S2	1807	100		104		100		100		101	
S3	S3	1814	104		105		103		104		103	
S4	S4	1818	103		105		103		102		103	
S5	S5	1821	103		103		101		99		102	
S6	S6	1824	102		101		103		101		107	
S7	S7	1827	100		101		103		99		107	
S8	S8	1830	101		105		103		96		104	
ICV01	ICV01	1848	97		103		103		103		104	
LLICV01	LLICV01	1900	96		105		104		103		102	
ICB01	ICB01	1907	96		103		104		102		103	
ICSA01	ICSA01	1910	97		104		103		101		107	
ICSAB01	ICSAB01	1913	96		103		105		101		110	
CCV01	CCV01	1929	93		102		103		98		104	
CCB01	CCB01	1935	97		104		105		103		105	
CRI	CRI	1939	97		103		104		103		105	
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	103		109		108		102		110	
CCB02	CCB02	1958	99		104		106		104		106	
PB168360BL	PB168360BL	2002	99		104		106		105		108	
PB168360BS	PB168360BS	2005	100		107		108		104		110	
Q2234-01	MW-17B-55-0	2009	107		119		118		117		121	
Q2234-01DUP	MW-17B-55-0	2012	104		118		119		118		121	
Q2234-01L	MW-17B-55-0	2016	96		109		110		109		112	
Q2234-02	MW-17B-55-0	2019	104		120		120		114		122	
Q2234-03	MW-17B-55-0	2022	104		117		119		117		121	
Q2234-01A	MW-17B-55-0	2025	103		118		120		115		122	
Q2234-05	MW-18B-56-0	2028	102		119		119		119		120	
Q2234-06	MW-18B-56-0	2031	102		117		122		118		122	
CCV03	CCV03	2035	95		107		110		102		113	
CCB03	CCB03	2041	95		103		106		105		108	
Q2234-07	MW-19B-72-0	2044	97		109		110		108		113	
Q2234-08	MW-17B-55-0	2047	101		120		122		115		124	
Q2234-08DUP	MW-17B-55-0	2051	105		119		121		117		122	
Q2234-08L	MW-17B-55-0	2054	93		108		110		108		112	

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
Q2234-09	MW-17B-55-0	2057	105		121		121		117		122	
Q2234-10	MW-17B-55-0	2100	104		117		120		114		121	
Q2234-08A	MW-17B-55-0	2103	104		117		122		117		124	
Q2234-11	MW-18B-56-0	2106	101		121		121		121		125	
Q2234-12	MW-18B-56-0	2110	101		119		122		119		124	
Q2234-13	MW-19B-72-0	2113	101		117		121		117		122	
CCV04	CCV04	2116	93		108		112		104		115	
CCB04	CCB04	2123	93		107		109		108		110	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1800	100		100		100		100		100	
S2	S2	1807	101		100		100		99		101	
S3	S3	1814	103		102		102		105		104	
S4	S4	1818	100		100		100		103		101	
S5	S5	1821	100		100		99		103		104	
S6	S6	1824	102		100		99		104		103	
S7	S7	1827	102		103		100		106		107	
S8	S8	1830	103		102		95		105		105	
ICV01	ICV01	1848	102		103		103		105		105	
LLICV01	LLICV01	1900	101		103		103		105		104	
ICB01	ICB01	1907	101		102		103		104		105	
ICSA01	ICSA01	1910	101		102		100		105		106	
ICSAB01	ICSAB01	1913	101		102		100		106		106	
CCV01	CCV01	1929	104		104		98		106		106	
CCB01	CCB01	1935	101		103		103		104		105	
CRI	CRI	1939	100		103		103		104		104	
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	106		107		100		107		109	
CCB02	CCB02	1958	103		104		104		105		105	
PB168360BL	PB168360BL	2002	102		104		104		105		106	
PB168360BS	PB168360BS	2005	105		105		103		109		109	
Q2234-01	MW-17B-55-0	2009	114		115		114		116		117	
Q2234-01DUP	MW-17B-55-0	2012	114		116		115		117		118	
Q2234-01L	MW-17B-55-0	2016	105		108		107		108		109	
Q2234-02	MW-17B-55-0	2019	114		114		112		117		117	
Q2234-03	MW-17B-55-0	2022	113		115		112		117		116	
Q2234-01A	MW-17B-55-0	2025	114		115		113		118		118	
Q2234-05	MW-18B-56-0	2028	113		115		114		118		118	
Q2234-06	MW-18B-56-0	2031	112		116		114		118		117	
CCV03	CCV03	2035	105		106		100		108		109	
CCB03	CCB03	2041	102		104		103		105		106	
Q2234-07	MW-19B-72-0	2044	86		88		87		90		89	
Q2234-08	MW-17B-55-0	2047	115		117		115		118		119	
Q2234-08DUP	MW-17B-55-0	2051	114		117		115		119		120	
Q2234-08L	MW-17B-55-0	2054	105		109		108		110		110	

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Q2234-10	MW-17B-55-0	2100	115		115		113		118		118	
Q2234-08A	MW-17B-55-0	2103	115		116		113		119		118	
Q2234-11	MW-18B-56-0	2106	116		117		116		120		120	
Q2234-12	MW-18B-56-0	2110	114		117		115		120		119	
Q2234-13	MW-19B-72-0	2113	113		116		114		119		120	
CCV04	CCV04	2116	106		109		103		109		111	
CCB04	CCB04	2123	105		106		107		110		110	