

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM

Contract: AECO02

Lab Code: ACE

SDG No.: Q3419

Instrument ID: P7

Start Date : 10/23/2025

Run Number: LB137649

End Date : 10/23/2025

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	1500	100		100		100		100		100	
S2	S2	1503	101		99		99		99		99	
S3	S3	1507	101		98		100		100		99	
S4	S4	1510	104		99		99		98		101	
S5	S5	1513	106		98		99		98		102	
S6	S6	1516	106		98		98		98		102	
S7	S7	1519	105		95		97		95		103	
S8	S8	1522	103		99		99		92		103	
ICV01	ICV01	1544	97		100		101		99		100	
LLICV01	LLICV01	1553	99		100		102		99		101	
ICB01	ICB01	1558	99		100		100		100		99	
ICSA01	ICSA01	1603	97		99		100		97		103	
ICSAB01	ICSAB01	1607	96		100		103		97		106	
CCV01	CCV01	1610	98		102		104		99		108	
CCB01	CCB01	1614	98		100		104		102		104	
CRI01	CRI01	1618	97		101		103		102		104	
PB170226BL	PB170226BL	1621	96		98		102		102		102	
PB170226BS	PB170226BS	1625	97		99		102		99		103	
Q3419-01	PR-132-S16-1	1633	111		120		137	*	106		114	
Q3419-01DUP	PR-132-S16-1	1636	112		122		137	*	109		115	
Q3419-01L	PR-132-S16-1	1639	101		106		110		105		108	
Q3419-02	PR-132-S16-1	1643	106		119		131	*	106		115	
Q3419-03	PR-132-S16-1	1646	107		115		130		105		114	
Q3419-01A	PR-132-S16-1	1649	106		115		130		104		114	
Q3419-04	PR132-S16-1	1651	111		124		149	*	103		114	
CCV02	CCV02	1654	99		99		101		97		104	
CCB02	CCB02	1700	95		97		100		100		102	
Q3419-05	PR132-S16-0	1703	107		118		139	*	103		111	
ZZZZZZ	ZZZZZZ	1706										
ZZZZZZ	ZZZZZZ	1709										
ZZZZZZ	ZZZZZZ	1712										
ZZZZZZ	ZZZZZZ	1716										
ZZZZZZ	ZZZZZZ	1719										
Q3419-01	PR-132-S16-1	1722	101		106		113		106		111	
Q3419-01DUP	PR-132-S16-1	1725	100		105		113		107		109	
Q3419-01L	PR-132-S16-1	1729	97		100		104		103		105	

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
Q3419-02	PR-132-S16-	1732	102		106		110		104		109	
CCV03	CCV03	1735	99		98		101		96		105	
CCB03	CCB03	1743	95		95		100		97		103	
Q3419-03	PR-132-S16-	1747	100		101		107		101		107	
Q3419-01A	PR-132-S16-	1750	104		102		109		102		107	
Q3419-04	PR132-S16-1	1753	105		107		115		104		108	
Q3419-05	PR132-S16-0	1756	104		104		113		106		108	
ZZZZZZ	ZZZZZZ	1759										
ZZZZZZ	ZZZZZZ	1803										
ZZZZZZ	ZZZZZZ	1806										
ZZZZZZ	ZZZZZZ	1809										
ZZZZZZ	ZZZZZZ	1812										
CCV04	CCV04	1819	99		99		103		98		107	
CCB04	CCB04	1828	96		101		105		104		106	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1500	100		100		100		100		100	
S2	S2	1503	100		99		99		99		99	
S3	S3	1507	101		100		101		100		101	
S4	S4	1510	98		98		97		102		100	
S5	S5	1513	96		96		96		101		101	
S6	S6	1516	95		96		95		101		103	
S7	S7	1519	96		97		95		100		101	
S8	S8	1522	104		102		94		104		104	
ICV01	ICV01	1544	100		101		100		100		102	
LLICV01	LLICV01	1553	101		101		101		102		103	
ICB01	ICB01	1558	99		100		98		102		100	
ICSA01	ICSA01	1603	101		100		98		104		103	
ICSAB01	ICSAB01	1607	104		105		101		105		105	
CCV01	CCV01	1610	106		105		100		106		108	
CCB01	CCB01	1614	101		104		103		104		104	
CRI01	CRI01	1618	101		101		101		103		102	
PB170226BL	PB170226BL	1621	101		103		101		100		104	
PB170226BS	PB170226BS	1625	99		100		98		102		103	
Q3419-01	PR-132-S16-1	1633	123		136	*	108		115		115	
Q3419-01DUP	PR-132-S16-1	1636	125		136	*	109		113		115	
Q3419-01L	PR-132-S16-1	1639	108		112		106		108		108	
Q3419-02	PR-132-S16-1	1643	119		126		104		112		112	
Q3419-03	PR-132-S16-1	1646	117		128		106		111		112	
Q3419-01A	PR-132-S16-1	1649	117		128		104		110		112	
Q3419-04	PR132-S16-1	1651	130		150	*	105		112		114	
CCV02	CCV02	1654	101		101		95		104		105	
CCB02	CCB02	1700	98		99		100		100		101	
Q3419-05	PR132-S16-0	1703	123		139	*	104		111		112	
ZZZZZZ	ZZZZZZ	1706										
ZZZZZZ	ZZZZZZ	1709										
ZZZZZZ	ZZZZZZ	1712										
ZZZZZZ	ZZZZZZ	1716										
ZZZZZZ	ZZZZZZ	1719										
Q3419-01	PR-132-S16-1	1722	109		111		105		106		109	
Q3419-01DUP	PR-132-S16-1	1725	109		111		107		107		110	
Q3419-01L	PR-132-S16-1	1729	103		103		104		104		106	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q3419-02	PR-132-S16-1	1732	107		110		105		107		109	
CCV03	CCV03	1735	100		100		95		103		104	
CCB03	CCB03	1743	97		99		100		100		101	
Q3419-03	PR-132-S16-1	1747	104		107		102		104		107	
Q3419-01A	PR-132-S16-1	1750	105		107		103		107		109	
Q3419-04	PR132-S16-1	1753	111		115		106		108		109	
Q3419-05	PR132-S16-0	1756	108		112		106		107		110	
ZZZZZZ	ZZZZZZ	1759										
ZZZZZZ	ZZZZZZ	1803										
ZZZZZZ	ZZZZZZ	1806										
ZZZZZZ	ZZZZZZ	1809										
ZZZZZZ	ZZZZZZ	1812										
CCV04	CCV04	1819	103		104		98		106		107	
CCB04	CCB04	1828	101		105		104		106		107	