

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: AECOM

Contract: AECO02

Lab Code: ACE

SDG No.: Q3395

Instrument ID: P7

Start Date : 10/22/2025

Run Number: LB137619

End Date : 10/22/2025

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	1154	100		100		100		100		100	
S2	S2	1157	99		98		101		99		99	
S3	S3	1204	98		99		99		98		97	
S4	S4	1207	96		96		99		98		99	
S5	S5	1210	96		94		96		95		99	
S6	S6	1213	97		93		96		95		100	
S7	S7	1216	98		95		97		96		102	
S8	S8	1219	101		101		101		94		104	
ICV01	ICV01	1238	96		100		102		101		100	
LLICV01	LLICV01	1312	92		97		100		98		97	
ICB01	ICB01	1316	93		99		99		98		97	
ICSA01	ICSA01	1320	94		100		101		97		102	
ICSAB01	ICSAB01	1323	95		104		107		103		108	
CCV01	CCV01	1327	95		105		106		100		105	
CCB01	CCB01	1330	90		98		101		99		99	
CRI01	CRI01	1333	92		100		101		101		101	
ZZZZZZ	ZZZZZZ	1340										
ZZZZZZ	ZZZZZZ	1343										
ZZZZZZ	ZZZZZZ	1346										
ZZZZZZ	ZZZZZZ	1349										
ZZZZZZ	ZZZZZZ	1353										
ZZZZZZ	ZZZZZZ	1356										
ZZZZZZ	ZZZZZZ	1359										
ZZZZZZ	ZZZZZZ	1402										
ZZZZZZ	ZZZZZZ	1408										
CCV02	CCV02	1411	95		104		105		99		104	
CCB02	CCB02	1418	92		99		101		103		100	
ZZZZZZ	ZZZZZZ	1421										
ZZZZZZ	ZZZZZZ	1424										
ZZZZZZ	ZZZZZZ	1427										
ZZZZZZ	ZZZZZZ	1430										
ZZZZZZ	ZZZZZZ	1434										
ZZZZZZ	ZZZZZZ	1437										
ZZZZZZ	ZZZZZZ	1440										
ZZZZZZ	ZZZZZZ	1443										
ZZZZZZ	ZZZZZZ	1446										

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	1449										
CCV03	CCV03	1454	90		100		102		96		101	
CCB03	CCB03	1505	89		99		101		100		100	
ZZZZZZ	ZZZZZZ	1514										
ZZZZZZ	ZZZZZZ	1517										
ZZZZZZ	ZZZZZZ	1520										
ZZZZZZ	ZZZZZZ	1524										
PB170186BL	PB170186BL	1527	90		96		98		98		98	
PB170186BS	PB170186BS	1530	91		95		97		97		100	
ZZZZZZ	ZZZZZZ	1533										
ZZZZZZ	ZZZZZZ	1536										
ZZZZZZ	ZZZZZZ	1539										
ZZZZZZ	ZZZZZZ	1542										
CCV04	CCV04	1545	92		99		101		96		101	
CCB04	CCB04	1600	87		96		98		98		97	
ZZZZZZ	ZZZZZZ	1603										
ZZZZZZ	ZZZZZZ	1606										
ZZZZZZ	ZZZZZZ	1609										
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1619										
ZZZZZZ	ZZZZZZ	1625										
ZZZZZZ	ZZZZZZ	1631										
ZZZZZZ	ZZZZZZ	1640										
ZZZZZZ	ZZZZZZ	1643										
CCV05	CCV05	1646	94		102		103		99		105	
CCB05	CCB05	1655	87		95		98		98		100	
ZZZZZZ	ZZZZZZ	1700										
ZZZZZZ	ZZZZZZ	1715										
ZZZZZZ	ZZZZZZ	1718										
ZZZZZZ	ZZZZZZ	1722										
ZZZZZZ	ZZZZZZ	1725										
ZZZZZZ	ZZZZZZ	1728										
Q3395-01	PR132-S09-01	1731	90		107		121		97		103	
Q3395-02	PR132-S07-01	1734	89		108		123		95		102	
Q3395-02DUP	PR132-S07-01	1741	92		110		126		99		106	

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			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
Q3395-02L	PR132-S07-01	1744	89		100		106		97		104	
CCV06	CCV06	1759	85		95		97		93		102	
CCB06	CCB06	1810	82		90		93		94		97	
Q3395-03	PR132-S07-01	1815	89		107		123		92		101	
Q3395-04	PR132-S07-01	1818	92		108		124		95		101	
Q3395-02A	PR132-S07-01	1821	91		105		121		95		103	
Q3395-05	PR132-S07-11	1823	93		108		130		95		103	
Q3395-06	PR132-COMP01	1826	90		104		117		94		100	
ZZZZZZ	ZZZZZZ	1829										
CCV07	CCV07	1841	84		94		98		93		99	
CCB07	CCB07	1849	80		90		94		95		96	
ZZZZZZ	ZZZZZZ	1912										
ZZZZZZ	ZZZZZZ	1915										
ZZZZZZ	ZZZZZZ	1918										
ZZZZZZ	ZZZZZZ	1922										
ZZZZZZ	ZZZZZZ	1925										
ZZZZZZ	ZZZZZZ	1928										
ZZZZZZ	ZZZZZZ	1931										
ZZZZZZ	ZZZZZZ	1934										
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1941										
CCV08	CCV08	1944	84		92		96		92		98	
CCB08	CCB08	1952	78		89		92		92		94	
ZZZZZZ	ZZZZZZ	1957										
ZZZZZZ	ZZZZZZ	2000										
ZZZZZZ	ZZZZZZ	2003										
ZZZZZZ	ZZZZZZ	2006										
ZZZZZZ	ZZZZZZ	2009										
ZZZZZZ	ZZZZZZ	2012										
ZZZZZZ	ZZZZZZ	2016										
ZZZZZZ	ZZZZZZ	2019										
ZZZZZZ	ZZZZZZ	2022										
ZZZZZZ	ZZZZZZ	2025										
CCV09	CCV09	2028	83		92		94		91		97	
CCB09	CCB09	2031	80		89		92		91		95	
Q3395-01	PR132-S09-01	2035	81		91		98		92		95	

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End Date : 10/22/2025

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
Q3395-02	PR132-S07-0	2038	84		93		100		95		99	
Q3395-02DUP	PR132-S07-0	2041	84		95		100		95		99	
Q3395-02L	PR132-S07-0	2044	83		93		97		97		98	
Q3395-03	PR132-S07-0	2048	84		96		105		97		98	
Q3395-04	PR132-S07-0	2051	84		96		102		94		98	
Q3395-02A	PR132-S07-0	2054	83		95		99		95		97	
Q3395-05	PR132-S07-1	2057	83		95		102		95		97	
ZZZZZZ	ZZZZZZ	2100										
CCV10	CCV10	2103	83		92		94		91		99	
CCB10	CCB10	2106	83		90		93		95		99	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1154	100		100		100		100		100	
S2	S2	1157	99		99		100		98		99	
S3	S3	1204	98		97		97		98		97	
S4	S4	1207	96		97		94		97		99	
S5	S5	1210	95		95		93		96		97	
S6	S6	1213	96		95		95		99		100	
S7	S7	1216	97		95		94		100		101	
S8	S8	1219	105		104		94		103		105	
ICV01	ICV01	1238	101		102		100		101		102	
LLICV01	LLICV01	1312	98		99		97		98		99	
ICB01	ICB01	1316	99		101		99		99		100	
ICSA01	ICSA01	1320	101		100		97		101		103	
ICSAB01	ICSAB01	1323	104		102		100		104		105	
CCV01	CCV01	1327	103		102		97		103		105	
CCB01	CCB01	1330	98		100		99		99		100	
CRI01	CRI01	1333	99		99		99		101		101	
ZZZZZZ	ZZZZZZ	1340										
ZZZZZZ	ZZZZZZ	1343										
ZZZZZZ	ZZZZZZ	1346										
ZZZZZZ	ZZZZZZ	1349										
ZZZZZZ	ZZZZZZ	1353										
ZZZZZZ	ZZZZZZ	1356										
ZZZZZZ	ZZZZZZ	1359										
ZZZZZZ	ZZZZZZ	1402										
ZZZZZZ	ZZZZZZ	1408										
CCV02	CCV02	1411	104		104		98		105		105	
CCB02	CCB02	1418	100		102		102		103		104	
ZZZZZZ	ZZZZZZ	1421										
ZZZZZZ	ZZZZZZ	1424										
ZZZZZZ	ZZZZZZ	1427										
ZZZZZZ	ZZZZZZ	1430										
ZZZZZZ	ZZZZZZ	1434										
ZZZZZZ	ZZZZZZ	1437										
ZZZZZZ	ZZZZZZ	1440										
ZZZZZZ	ZZZZZZ	1443										
ZZZZZZ	ZZZZZZ	1446										

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	ZZZZZZ	1449										
CCV03	CCV03	1454	101		101		96		104		103	
CCB03	CCB03	1505	97		100		99		102		102	
ZZZZZZ	ZZZZZZ	1514										
ZZZZZZ	ZZZZZZ	1517										
ZZZZZZ	ZZZZZZ	1520										
ZZZZZZ	ZZZZZZ	1524										
PB170186BL	PB170186BL	1527	94		98		98		100		100	
PB170186BS	PB170186BS	1530	96		98		95		101		104	
ZZZZZZ	ZZZZZZ	1533										
ZZZZZZ	ZZZZZZ	1536										
ZZZZZZ	ZZZZZZ	1539										
ZZZZZZ	ZZZZZZ	1542										
CCV04	CCV04	1545	99		98		95		101		102	
CCB04	CCB04	1600	94		97		96		98		100	
ZZZZZZ	ZZZZZZ	1603										
ZZZZZZ	ZZZZZZ	1606										
ZZZZZZ	ZZZZZZ	1609										
ZZZZZZ	ZZZZZZ	1613										
ZZZZZZ	ZZZZZZ	1616										
ZZZZZZ	ZZZZZZ	1619										
ZZZZZZ	ZZZZZZ	1625										
ZZZZZZ	ZZZZZZ	1631										
ZZZZZZ	ZZZZZZ	1640										
ZZZZZZ	ZZZZZZ	1643										
CCV05	CCV05	1646	103		102		99		107		108	
CCB05	CCB05	1655	94		98		98		101		102	
ZZZZZZ	ZZZZZZ	1700										
ZZZZZZ	ZZZZZZ	1715										
ZZZZZZ	ZZZZZZ	1718										
ZZZZZZ	ZZZZZZ	1722										
ZZZZZZ	ZZZZZZ	1725										
ZZZZZZ	ZZZZZZ	1728										
Q3395-01	PR132-S09-01	1731	109		122		98		106		106	
Q3395-02	PR132-S07-01	1734	109		123		97		105		103	
Q3395-02DUP	PR132-S07-01	1741	112		127		99		106		108	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q3395-02L	PR132-S07-01	1744	101		106		102		104		106	
CCV06	CCV06	1759	96		96		93		102		102	
CCB06	CCB06	1810	89		93		93		97		97	
Q3395-03	PR132-S07-01	1815	108		121		94		104		103	
Q3395-04	PR132-S07-01	1818	109		123		97		104		104	
Q3395-02A	PR132-S07-01	1821	107		119		96		103		103	
Q3395-05	PR132-S07-11	1823	112		130		97		104		105	
Q3395-06	PR132-COMP01	1826	104		118		97		103		102	
ZZZZZZ	ZZZZZZ	1829										
CCV07	CCV07	1841	95		95		92		99		100	
CCB07	CCB07	1849	90		94		95		97		96	
ZZZZZZ	ZZZZZZ	1912										
ZZZZZZ	ZZZZZZ	1915										
ZZZZZZ	ZZZZZZ	1918										
ZZZZZZ	ZZZZZZ	1922										
ZZZZZZ	ZZZZZZ	1925										
ZZZZZZ	ZZZZZZ	1928										
ZZZZZZ	ZZZZZZ	1931										
ZZZZZZ	ZZZZZZ	1934										
ZZZZZZ	ZZZZZZ	1937										
ZZZZZZ	ZZZZZZ	1941										
CCV08	CCV08	1944	93		95		91		100		100	
CCB08	CCB08	1952	89		93		93		95		95	
ZZZZZZ	ZZZZZZ	1957										
ZZZZZZ	ZZZZZZ	2000										
ZZZZZZ	ZZZZZZ	2003										
ZZZZZZ	ZZZZZZ	2006										
ZZZZZZ	ZZZZZZ	2009										
ZZZZZZ	ZZZZZZ	2012										
ZZZZZZ	ZZZZZZ	2016										
ZZZZZZ	ZZZZZZ	2019										
ZZZZZZ	ZZZZZZ	2022										
ZZZZZZ	ZZZZZZ	2025										
CCV09	CCV09	2028	92		93		90		98		98	
CCB09	CCB09	2031	89		94		93		97		96	
Q3395-01	PR132-S09-01	2035	93		98		94		97		99	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q3395-02	PR132-S07-0	2038	95		100		96		100		100	
Q3395-02DUP	PR132-S07-0	2041	95		101		95		100		100	
Q3395-02L	PR132-S07-0	2044	94		97		96		98		99	
Q3395-03	PR132-S07-0	2048	96		102		95		100		100	
Q3395-04	PR132-S07-0	2051	96		100		96		100		100	
Q3395-02A	PR132-S07-0	2054	96		100		95		98		99	
Q3395-05	PR132-S07-1	2057	97		103		96		101		100	
ZZZZZZ	ZZZZZZ	2100										
CCV10	CCV10	2103	92		94		91		101		101	
CCB10	CCB10	2106	89		94		96		99		98	