

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: Tetra Tech, EMI

Contract: TETR16

Lab Code: ACE

SDG No.: Q3291

Instrument ID: P7

Start Date : 10/07/2025

Run Number: LB137449

End Date : 10/07/2025

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	1642	100		100		100		100		100	
S2	S2	1646	106		106		105		105		103	
S3	S3	1649	102		102		101		102		101	
S4	S4	1652	103		102		104		102		102	
S5	S5	1655	102		99		100		97		99	
S6	S6	1658	99		97		98		97		99	
S7	S7	1701	100		99		101		98		103	
S8	S8	1704	112		117		117		109		119	
ICV01	ICV01	1726	94		108		109		106		104	
LLICV01	LLICV01	1729	94		107		106		106		102	
ICB01	ICB01	1733	93		106		105		105		101	
ICSA01	ICSA01	1736	92		105		107		102		105	
ICSAB01	ICSAB01	1739	91		108		111		107		106	
CCV01	CCV01	1742	92		108		111		104		106	
CCB01	CCB01	1745	90		107		108		107		105	
CRI01	CRI01	1748	91		108		109		107		103	
PB170000BL	PB170000BL	1751	90		107		108		107		103	
PB170000BS	PB170000BS	1755	93		107		109		106		104	
Q3291-05	MC0AX0	1757	105		124		127		121		121	
Q3291-06	MC0AX1	1801	107		128		130		124		124	
Q3291-07	MC0AX2	1804	107		127		130		124		123	
Q3291-07DUP	MC0AX2DUP	1807	107		127		131	*	124		123	
Q3291-07L	MC0AX2L	1810	91		107		111		111		110	
Q3291-07MS	MC0AX2MS	1814	102		121		125		117		117	
Q3291-07MSD	MC0AX2MSD	1816	104		123		126		120		120	
CCV02	CCV02	1819	92		108		110		103		106	
CCB02	CCB02	1822	92		106		109		107		103	
Q3291-07A	MC0AX2A	1825	105		122		125		118		120	
Q3291-08	MC0AX3	1828	108		128		131	*	125		125	
Q3291-06	MC0AX1	1831	94		109		113		114		112	
Q3291-07	MC0AX2	1835	94		109		111		111		110	
Q3291-07DUP	MC0AX2DUP	1838	95		109		111		110		108	
Q3291-07L	MC0AX2L	1841	93		106		109		109		105	
Q3291-07MS	MC0AX2MS	1844	96		109		112		109		108	
Q3291-07MSD	MC0AX2MSD	1848	96		110		113		109		109	
Q3291-07A	MC0AX2A	1851	95		109		112		110		107	

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
Q3291-08	MC0AX3	1854	97		112		116		112		109	
CCV03	CCV03	1857	93		106		109		102		104	
CCB03	CCB03	1909	89		105		107		106		101	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1642	100		100		100		100		100	
S2	S2	1646	100		103		100		102		101	
S3	S3	1649	102		102		101		102		102	
S4	S4	1652	100		100		99		101		98	
S5	S5	1655	99		101		100		100		102	
S6	S6	1658	98		100		97		100		100	
S7	S7	1701	99		101		98		103		103	
S8	S8	1704	118		122		111		118		118	
ICV01	ICV01	1726	107		111		108		108		108	
LLICV01	LLICV01	1729	105		109		108		105		105	
ICB01	ICB01	1733	105		109		106		104		106	
ICSA01	ICSA01	1736	104		108		104		106		104	
ICSAB01	ICSAB01	1739	106		110		105		107		107	
CCV01	CCV01	1742	107		110		104		107		106	
CCB01	CCB01	1745	104		110		108		104		103	
CRI01	CRI01	1748	104		108		107		105		104	
PB170000BL	PB170000BL	1751	104		109		107		105		103	
PB170000BS	PB170000BS	1755	105		108		105		106		106	
Q3291-05	MC0AX0	1757	123		129		124		124		123	
Q3291-06	MC0AX1	1801	123		130		124		124		124	
Q3291-07	MC0AX2	1804	125		131	*	124		124		123	
Q3291-07DUP	MC0AX2DUP	1807	124		130		124		125		125	
Q3291-07L	MC0AX2L	1810	108		114		110		110		109	
Q3291-07MS	MC0AX2MS	1814	120		124		119		120		119	
Q3291-07MSD	MC0AX2MSD	1816	122		125		119		121		119	
CCV02	CCV02	1819	107		110		105		109		108	
CCB02	CCB02	1822	105		109		109		107		106	
Q3291-07A	MC0AX2A	1825	121		126		119		121		122	
Q3291-08	MC0AX3	1828	127		132	*	127		128		126	
Q3291-06	MC0AX1	1831	110		115		113		110		109	
Q3291-07	MC0AX2	1835	110		114		114		112		112	
Q3291-07DUP	MC0AX2DUP	1838	110		114		114		111		110	
Q3291-07L	MC0AX2L	1841	107		113		112		109		107	
Q3291-07MS	MC0AX2MS	1844	109		115		112		111		110	
Q3291-07MSD	MC0AX2MSD	1848	109		116		113		111		111	
Q3291-07A	MC0AX2A	1851	110		115		113		112		111	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q3291-08	MC0AX3	1854	113		118		116		114		113	
CCV03	CCV03	1857	106		111		105		106		106	
CCB03	CCB03	1909	103		108		107		105		104	