

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: ATG-GREENVILLE AEC

Contract: ATGG01

Lab Code: CHEM Case no.: Q2289

Sas No.: Q2289 SDG No.: Q2289

Instrument ID: P7

Start Date : 06/18/2025

Run Number: LB136195

End Date : 06/18/2025

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	1114	100		100		100		100		100	
S2	S2	1118	100		100		98		100		100	
S3	S3	1124	103		101		99		99		101	
S4	S4	1131	105		99		98		98		102	
S5	S5	1134	104		97		97		96		101	
S6	S6	1137	103		99		99		96		103	
S7	S7	1140	103		100		100		96		106	
S8	S8	1143	101		102		101		94		104	
ICV1	ICV1	1201	98		103		104		104		103	
LLICV1	LLICV1	1208	97		103		102		101		101	
ICB1	ICB1	1213	98		102		102		102		103	
ICSA1	ICSA1	1230	96		101		103		101		107	
ICSAB1	ICSAB1	1245	93		102		106		103		110	
CCV1	CCV1	1248	93		102		107		102		112	
CCB1	CCB1	1251	92		102		105		105		107	
CRI	CRI	1255	93		104		108		108		110	
Q2289-01	SP-1	1259	105		129		131	*	119		127	
Q2289-02	SP-2	1302	101		121		121		118		121	
Q2289-03	SP-3	1305	104		136	*	138	*	115		121	
PB168510BL	PB168510BL	1308	90		104		108		106		107	
CCV2	CCV2	1312	93		106		107		101		107	
CCB2	CCB2	1315	95		104		104		104		105	
PB168510BS	PB168510BS	1318	97		106		108		105		109	
Q2289-02DUP	SP-2DUP	1321	105		120		123		118		122	
Q2289-02L	SP-2L	1324	94		105		108		108		109	
Q2289-02MS	SP-2MS	1327	103		118		122		115		120	
Q2289-02MSD	SP-2MSD	1330	105		116		120		114		120	
Q2289-02A	SP-2A	1333	104		116		120		114		120	
Q2289-01	SP-1	1336	98		108		112		109		113	
Q2289-02	SP-2	1339	97		108		112		111		113	
Q2289-03	SP-3	1343	99		112		115		110		112	
CCV3	CCV3	1349	94		104		106		99		107	
CCB3	CCB3	1352	98		105		106		105		108	
Q2289-02DUP	SP-2DUP	1358	100		108		111		110		114	
Q2289-02L	SP-2L	1401	95		103		107		106		109	
Q2289-02MS	SP-2MS	1404	100		109		112		109		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
Q2289-02MSD	SP-2MSD	1407	100		108		110		109		114	
Q2289-02A	SP-2A	1411	100		107		112		109		113	
CCV4	CCV4	1415	97		104		105		99		107	
CCB4	CCB4	1418	98		106		107		107		107	

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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	1114	100		100		100		100		100	
S2	S2	1118	100		101		100		102		101	
S3	S3	1124	102		101		101		103		102	
S4	S4	1131	100		101		99		104		103	
S5	S5	1134	100		100		99		103		102	
S6	S6	1137	103		102		103		107		106	
S7	S7	1140	104		104		100		107		105	
S8	S8	1143	105		104		95		105		104	
ICV1	ICV1	1201	104		105		112		106		106	
LLICV1	LLICV1	1208	103		104		112		107		105	
ICB1	ICB1	1213	102		104		111		105		106	
ICSA1	ICSA1	1230	102		102		99		106		105	
ICSAB1	ICSAB1	1245	104		105		107		107		108	
CCV1	CCV1	1248	105		108		103		109		108	
CCB1	CCB1	1251	103		105		114		107		106	
CRI	CRI	1255	103		104		116		108		106	
Q2289-01	SP-1	1259	126		139	*	126		122		120	
Q2289-02	SP-2	1302	116		125		124		117		117	
Q2289-03	SP-3	1305	130		144	*	120		119		117	
PB168510BL	PB168510BL	1308	101		104		112		105		104	
CCV2	CCV2	1312	104		107		102		107		105	
CCB2	CCB2	1315	101		105		106		105		103	
PB168510BS	PB168510BS	1318	104		105		108		107		106	
Q2289-02DUP	SP-2DUP	1321	116		126		124		118		116	
Q2289-02L	SP-2L	1324	104		107		116		108		107	
Q2289-02MS	SP-2MS	1327	115		125		122		117		115	
Q2289-02MSD	SP-2MSD	1330	114		123		119		115		114	
Q2289-02A	SP-2A	1333	115		124		120		116		114	
Q2289-01	SP-1	1336	108		118		118		111		108	
Q2289-02	SP-2	1339	107		113		120		111		109	
Q2289-03	SP-3	1343	109		120		117		110		109	
CCV3	CCV3	1349	104		103		98		106		104	
CCB3	CCB3	1352	102		103		109		107		104	
Q2289-02DUP	SP-2DUP	1358	107		114		118		111		110	
Q2289-02L	SP-2L	1401	104		108		117		108		105	
Q2289-02MS	SP-2MS	1404	106		116		117		113		108	

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			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q2289-02MSD	SP-2MSD	1407	106		114		117		111		109	
Q2289-02A	SP-2A	1411	105		106		116		110		108	
CCV4	CCV4	1415	102		102		97		106		104	
CCB4	CCB4	1418	102		103		115		107		105	