

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51878 MA No.: SDG No.: E29Z5
 Instrument ID: P7 Start Date : 11/22/2024
 Run Batch: LB133596 End Date : 11/22/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
S0	1325	100		100		100		100		100	
S02	1332	102		101		101		101		101	
S03	1335	104		100		100		101		101	
S04	1338	103		98		98		97		101	
S05	1341	101		95		96		95		100	
S06	1344	100		96		98		95		102	
S07	1346	99		99		102		97		107	
S08	1349	96		99		99		90		102	
ICV001	1401	104		106		104		104		102	
ICB001	1405	104		103		102		103		102	
ICSA001	1408	93		99		100		95		104	
ICSAB001	1411	90		102		106		100		108	
CCV001	1414	94		105		108		99		110	
CCB001	1417	98		101		105		105		107	
PBW157	1420	98		104		106		107		108	
LCS157	1423	100		106		108		108		109	
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
E29Z1	1436	104		114		118		113		118	
E29Z3	1439	102		112		115		112		114	
E29Z5	1442	106		112		116		112		115	
E29Z7	1445	109		111		116		113		115	
E2A13	1449	107		111		115		111		116	
E2A19	1452	109		109		112		112		114	
E2A22	1455	110		108		111		112		114	
E2A23	1458	109		108		111		111		114	
E29Z9	1501	109		107		111		107		112	
E2A01	1505	110		112		115		111		117	
E2A01D	1508	106		108		111		108		112	
E2A01L	1511	103		104		106		106		109	
E2A01	1514	110		110		114		111		117	
E2A01S	1521	110		110		114		111		117	
E2A01D	1524	109		109		112		109		115	
E2A03	1527	111		110		113		110		116	
E2A05	1531	110		109		111		108		114	
E2A07	1534	108		108		111		108		113	
E2A09	1537	110		111		114		110		117	

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
E2A20	1540	106		106		109		110		113	
E2A24	1543	109		107		109		111		113	
CCV002	1550	99		101		103		96		108	
CCB002	1553	102		103		105		106		107	
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1633										
ZZZZZZ	1637										
CCV003	1643	102		103		105		98		110	
CCB003	1646	101		103		106		107		108	
E29S9	1649	112		114		117		118		120	
CCV004	1652	103		108		110		101		111	
CCB004	1655	105		104		107		108		109	

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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
S0	1325	100		100		100		100		100	
S02	1332	100		101		100		100		101	
S03	1335	97		97		97		98		97	
S04	1338	95		97		96		99		98	
S05	1341	94		95		95		99		98	
S06	1344	94		97		94		101		100	
S07	1346	99		101		96		105		105	
S08	1349	102		102		89		100		100	
ICV001	1401	104		104		103		103		103	
ICB001	1405	104		104		103		102		102	
ICSA001	1408	101		102		97		103		103	
ICSAB001	1411	102		105		99		105		104	
CCV001	1414	104		105		97		106		106	
CCB001	1417	102		104		105		106		104	
PBW157	1420	106		107		108		108		107	
LCS157	1423	107		107		108		107		107	
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
E29Z1	1436	112		112		109		111		109	
E29Z3	1439	111		111		108		110		110	
E29Z5	1442	111		112		109		111		110	
E29Z7	1445	112		110		108		112		111	
E2A13	1449	109		110		108		112		112	
E2A19	1452	109		111		112		111		112	
E2A22	1455	107		107		109		110		110	
E2A23	1458	106		108		109		110		109	
E29Z9	1501	108		108		106		110		108	
E2A01	1505	110		109		107		110		110	
E2A01D	1508	107		108		106		109		109	
E2A01L	1511	104		106		106		108		106	
E2A01	1514	108		111		109		113		112	
E2A01S	1521	108		109		107		112		112	
E2A01D	1524	108		109		108		111		112	
E2A03	1527	101		103		102		106		105	
E2A05	1531	108		108		107		111		111	
E2A07	1534	108		107		106		109		109	
E2A09	1537	108		108		106		110		109	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
E2A20	1540	105		107		108		110		109	
E2A24	1543	104		106		107		108		108	
CCV002	1550	103		104		97		105		105	
CCB002	1553	104		107		107		108		107	
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1633										
ZZZZZZ	1637										
CCV003	1643	104		105		98		106		105	
CCB003	1646	108		108		108		108		108	
E29S9	1649	112		113		115		114		113	
CCV004	1652	106		106		98		107		108	
CCB004	1655	107		108		109		109		108	