

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.: E29X3
 Instrument ID: P7 Start Date : 11/20/2024
 Run Batch: LB133538 End Date : 11/20/2024

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	
S0	0921	100		100		100		100		100	
S02	0928	100		98		99		98		99	
S03	0931	102		100		102		101		103	
S04	0934	100		97		99		98		102	
S05	0937	103		98		101		99		104	
S06	0940	100		96		100		96		104	
S07	0942	101		98		103		98		108	
S08	0945	92		96		99		88		102	
ICV002	1003	101		106		106		105		105	
ICB002	1007	98		100		101		100		100	
ICSA002	1011	93		98		101		95		105	
ICSAB002	1014	88		99		103		98		107	
CCV004	1017	89		101		106		97		110	
CCB004	1019	96		98		101		100		104	
ZZZZZZ	1023										
ZZZZZZ	1026										
ZZZZZZ	1029										
ZZZZZZ	1032										
ZZZZZZ	1036										
ZZZZZZ	1039										
PBS107	1042	96		103		106		106		106	
LCS107	1045	96		104		106		107		106	
ZZZZZZ	1049										
ZZZZZZ	1052										
ZZZZZZ	1055										
ZZZZZZ	1058										
ZZZZZZ	1101										
ZZZZZZ	1104										
ZZZZZZ	1110										
ZZZZZZ	1114										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1123										
ZZZZZZ	1126										
ZZZZZZ	1130										
ZZZZZZ	1133										
ZZZZZZ	1136										
ZZZZZZ	1139										

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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	
CCV005	1142	98		100		103		95		109	
CCB005	1145	100		97		100		100		104	
ZZZZZZ	1202										
ZZZZZZ	1205										
ZZZZZZ	1209										
ZZZZZZ	1212										
ZZZZZZ	1215										
ZZZZZZ	1218										
ZZZZZZ	1221										
ZZZZZZ	1224										
ZZZZZZ	1228										
ZZZZZZ	1231										
ZZZZZZ	1234										
ZZZZZZ	1237										
E29X1	1240	99		101		106		100		110	
E29X2	1243	95		105		111		103		111	
E29X3	1247	92		103		109		101		109	
E29X4	1250	94		105		113		105		114	
E29X5	1253	96		108		114		106		115	
E29X5D	1256	95		106		113		106		114	
E29X5L	1259	101		104		109		107		111	
E29X5S	1302	99		104		110		103		113	
E29X6	1305	90		102		108		100		108	
E29X7	1309	90		105		112		104		112	
E29X8	1312	94		106		112		105		114	
E29X9	1315	96		104		111		107		114	
E29Y0	1318	90		98		105		98		108	
E29Y1	1321	95		104		111		106		113	
E29Y2	1324	92		105		111		103		111	
CCV006	1328	95		104		108		99		110	
CCB006	1330	95		100		105		105		107	
E29Y3	1334	92		104		111		102		110	
E29Y4	1338	95		107		113		108		114	
E29Y5	1341	94		105		111		105		113	
E29Y9	1344	92		106		112		105		114	
E29Z0	1347	90		106		112		104		112	
E29Y6	1350	89		105		112		103		112	
E29Y7	1353	96		104		111		106		113	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51878
		MA No.:	SDG No.: E29X3
Instrument ID:	P7	Start Date :	11/20/2024
Run Batch:	LB133538	End Date :	11/20/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li		Element 45Sc		Element 89Y		Element 103Rh		Element 159Tb	
CCV007	1358	97		101		104		96		108	
CCB007	1400	99		99		103		104		106	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51878 MA No.: SDG No.: E29X3
 Instrument ID: P7 Start Date : 11/20/2024
 Run Batch: LB133538 End Date : 11/20/2024

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	0921	100		100		100		100		100	
S02	0928	99		99		100		98		99	
S03	0931	98		101		100		102		102	
S04	0934	96		100		99		100		102	
S05	0937	95		101		99		102		104	
S06	0940	95		99		97		103		104	
S07	0942	100		102		98		105		107	
S08	0945	97		100		88		98		99	
ICV002	1003	105		107		106		105		106	
ICB002	1007	101		103		103		102		104	
ICSA002	1011	97		100		96		102		104	
ICSAB002	1014	101		104		98		105		106	
CCV004	1017	100		103		96		104		106	
CCB004	1019	99		104		105		104		106	
ZZZZZZ	1023										
ZZZZZZ	1026										
ZZZZZZ	1029										
ZZZZZZ	1032										
ZZZZZZ	1036										
ZZZZZZ	1039										
PBS107	1042	104		106		106		105		106	
LCS107	1045	104		107		106		106		107	
ZZZZZZ	1049										
ZZZZZZ	1052										
ZZZZZZ	1055										
ZZZZZZ	1058										
ZZZZZZ	1101										
ZZZZZZ	1104										
ZZZZZZ	1110										
ZZZZZZ	1114										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1123										
ZZZZZZ	1126										
ZZZZZZ	1130										
ZZZZZZ	1133										
ZZZZZZ	1136										
ZZZZZZ	1139										

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 Instrument ID: P7 Start Date : 11/20/2024
 Run Batch: LB133538 End Date : 11/20/2024

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
CCV005	1142	100		103		96		104		106	
CCB005	1145	99		103		104		104		105	
ZZZZZZ	1202										
ZZZZZZ	1205										
ZZZZZZ	1209										
ZZZZZZ	1212										
ZZZZZZ	1215										
ZZZZZZ	1218										
ZZZZZZ	1221										
ZZZZZZ	1224										
ZZZZZZ	1228										
ZZZZZZ	1231										
ZZZZZZ	1234										
ZZZZZZ	1237										
E29X1	1240	103		107		103		106		109	
E29X2	1243	105		109		103		108		110	
E29X3	1247	107		110		104		108		109	
E29X4	1250	106		112		107		109		112	
E29X5	1253	102		108		104		106		107	
E29X5D	1256	90		94		90		94		95	
E29X5L	1259	103		106		108		108		110	
E29X5S	1302	103		109		105		108		110	
E29X6	1305	106		110		105		107		110	
E29X7	1309	105		110		105		109		110	
E29X8	1312	107		111		107		109		112	
E29X9	1315	102		108		106		110		112	
E29Y0	1318	103		109		104		108		110	
E29Y1	1321	103		109		107		108		110	
E29Y2	1324	106		110		104		107		110	
CCV006	1328	101		104		96		105		107	
CCB006	1330	100		104		106		106		108	
E29Y3	1334	106		111		106		108		111	
E29Y4	1338	106		112		108		109		113	
E29Y5	1341	105		110		109		110		110	
E29Y9	1344	101		105		101		104		106	
E29Z0	1347	104		111		107		109		111	
E29Y6	1350	105		111		104		108		109	
E29Y7	1353	102		108		106		108		109	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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
CCV007	1358	100		103		96		104		106	
CCB007	1400	99		103		105		106		107	

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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.: E29X3
 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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
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	
ZZZZZZ	1420										
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
E2A11	1433	100		110		112		108		112	
ZZZZZZ	1436										
ZZZZZZ	1439										
ZZZZZZ	1442										
ZZZZZZ	1445										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1514										
ZZZZZZ	1521										
ZZZZZZ	1524										
ZZZZZZ	1527										
ZZZZZZ	1531										
ZZZZZZ	1534										
ZZZZZZ	1537										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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
ZZZZZZ	1540										
ZZZZZZ	1543										
CCV002	1550	99		101		103		96		108	
CCB002	1553	102		103		105		106		107	

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 Instrument ID: P7 Start Date : 11/22/2024
 Run Batch: LB133596 End Date : 11/22/2024

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	
ZZZZZZ	1420										
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
E2A11	1433	109		109		105		108		107	
ZZZZZZ	1436										
ZZZZZZ	1439										
ZZZZZZ	1442										
ZZZZZZ	1445										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1514										
ZZZZZZ	1521										
ZZZZZZ	1524										
ZZZZZZ	1527										
ZZZZZZ	1531										
ZZZZZZ	1534										
ZZZZZZ	1537										

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 Run Batch: LB133596 End Date : 11/22/2024

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
ZZZZZZ	1540										
ZZZZZZ	1543										
CCV002	1550	103		104		97		105		105	
CCB002	1553	104		107		107		108		107	