

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134058 End Date : 12/20/2024

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	1303	100		100		100		100		100	
S02	1310	104		101		102		102		102	
S03	1313	106		101		101		101		103	
S04	1316	106		98		97		97		101	
S05	1319	108		94		94		93		100	
S06	1322	106		89		90		88		97	
S07	1324	101		87		89		85		96	
S08	1327	93		86		87		79		93	
ICV004	1341	110		98		99		98		102	
ICB004	1431	107		102		101		102		102	
ICSA004	1435	102		94		95		89		101	
ICSAB004	1438	98		94		97		92		104	
CCV030	1441	94		92		93		86		100	
CCB030	1447	105		98		100		101		106	
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1459										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1509										
ZZZZZZ	1512										
ZZZZZZ	1515										
ZZZZZZ	1518										
PBS715	1522	104		102		103		104		105	
LCS715	1525	102		103		104		104		105	
LCSD715	1528	102		103		104		104		104	
ZZZZZZ	1532										
ZZZZZZ	1535										
ZZZZZZ	1538										
ZZZZZZ	1541										
ZZZZZZ	1544										
ZZZZZZ	1547										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										

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 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134058 End Date : 12/20/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
CCV031	1618	96		89		91		84		97	
CCB031	1624	107		97		98		98		103	
MYD033	1627	109		103		106		100		105	
MYD033D	1630	105		102		105		98		104	
MYD033L	1633	105		101		103		102		104	
MYD033S	1637	106		104		108		102		107	
MYD033SRE	1640	107		103		107		100		106	
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1655										
ZZZZZZ	1658										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
MYD033	1730	104		103		105		103		105	
MYD033D	1733	103		103		105		104		105	
MYD033L	1736	104		103		105		104		105	
MYD033S	1739	104		104		106		104		106	
MYD033SRE	1743	102		102		104		103		105	
ZZZZZZ	1746										
ZZZZZZ	1749										
CCV032	1752	97		89		91		84		97	
CCB032	1759	107		98		99		99		102	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134058 End Date : 12/20/2024

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	1303	100		100		100		100		100	
S02	1310	102		102		103		102		101	
S03	1313	100		102		102		104		105	
S04	1316	92		95		95		101		100	
S05	1319	88		92		92		99		99	
S06	1322	85		89		88		98		98	
S07	1324	85		88		86		98		97	
S08	1327	89		90		82		94		95	
ICV004	1341	96		98		100		102		102	
ICB004	1431	101		101		102		102		103	
ICSA004	1435	90		94		91		101		102	
ICSAB004	1438	92		96		93		103		103	
CCV030	1441	89		92		87		100		99	
CCB030	1447	95		98		102		104		104	
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1459										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1509										
ZZZZZZ	1512										
ZZZZZZ	1515										
ZZZZZZ	1518										
PBS715	1522	101		103		104		104		104	
LCS715	1525	102		103		103		103		103	
LCSD715	1528	103		104		105		105		105	
ZZZZZZ	1532										
ZZZZZZ	1535										
ZZZZZZ	1538										
ZZZZZZ	1541										
ZZZZZZ	1544										
ZZZZZZ	1547										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134058 End Date : 12/20/2024

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
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
CCV031	1618	88		91		85		98		97	
CCB031	1624	94		98		100		104		103	
MYD033	1627	101		106		101		107		105	
MYD033D	1630	103		107		102		108		106	
MYD033L	1633	101		103		103		105		103	
MYD033S	1637	102		106		101		106		106	
MYD033SRE	1640	99		104		100		105		105	
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1655										
ZZZZZZ	1658										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
MYD033	1730	102		105		104		106		104	
MYD033D	1733	103		105		104		105		105	
MYD033L	1736	103		105		104		104		104	
MYD033S	1739	103		105		104		105		105	
MYD033SRE	1743	102		103		103		105		104	
ZZZZZZ	1746										
ZZZZZZ	1749										
CCV032	1752	88		90		85		97		97	
CCB032	1759	95		98		100		102		102	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134059 End Date : 12/21/2024

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	1934	100		100		100		100		100	
S02	1940	101		101		101		101		101	
S03	1943	106		103		103		102		103	
S04	1946	110		100		101		98		102	
S05	1949	113		96		97		94		101	
S06	1952	112		92		93		90		99	
S07	1955	111		89		92		87		99	
S08	1958	104		89		88		78		94	
ICV005	2026	113		99		98		97		100	
ICB005	2030	116		103		102		102		104	
ICSA005	2034	110		94		96		90		103	
ICSAB005	2037	108		96		98		92		105	
CCV033	2040	107		95		97		88		103	
CCB033	2042	113		94		97		96		103	
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2055										
ZZZZZZ	2058										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2117										
ZZZZZZ	2120										
ZZZZZZ	2123										
ZZZZZZ	2126										
ZZZZZZ	2129										
ZZZZZZ	2132										
ZZZZZZ	2136										
ZZZZZZ	2139										
ZZZZZZ	2142										
ZZZZZZ	2145										
ZZZZZZ	2148										
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P7	Start Date : 12/20/2024
Run Batch: LB134059	End Date : 12/21/2024

[illegible]

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
MYCZR9	0003	112		104		106		100		105	
MYCZS3	0006	112		103		110		97		105	
MYCZS4	0009	114		102		107		97		105	
MYCZS5	0012	115		102		107		98		105	
MYCZS6	0015	116		103		109		97		105	
MYCZS7	0018	115		103		107		98		104	
MYD022	0022	113		104		108		96		103	
MYD023	0025	114		101		109		96		104	
MYD024	0028	113		102		110		95		104	
MYD025	0031	115		102		110		96		104	
MYD026	0034	115		103		110		97		105	
MYD027	0037	114		105		111		97		105	
CCV036	0040	106		91		91		83		97	
CCB036	0043	115		92		94		94		100	

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 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134059 End Date : 12/21/2024

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	1934	100		100		100		100		100	
S02	1940	100		101		100		101		100	
S03	1943	99		99		98		101		101	
S04	1946	94		96		96		101		101	
S05	1949	89		92		91		100		101	
S06	1952	84		89		88		99		99	
S07	1955	82		87		84		97		98	
S08	1958	88		89		81		94		95	
ICV005	2026	94		95		97		99		100	
ICB005	2030	99		99		100		103		104	
ICSA005	2034	87		92		89		102		103	
ICSAB005	2037	89		94		91		104		104	
CCV033	2040	86		90		85		98		100	
CCB033	2042	89		94		96		102		103	
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2055										
ZZZZZZ	2058										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2117										
ZZZZZZ	2120										
ZZZZZZ	2123										
ZZZZZZ	2126										
ZZZZZZ	2129										
ZZZZZZ	2132										
ZZZZZZ	2136										
ZZZZZZ	2139										
ZZZZZZ	2142										
ZZZZZZ	2145										
ZZZZZZ	2148										
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134059 End Date : 12/21/2024

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	2201										
ZZZZZZ	2204										
CCV034	2207	89		93		87		100		101	
CCB034	2213	92		96		97		102		102	
ZZZZZZ	2216										
ZZZZZZ	2220										
ZZZZZZ	2223										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2242										
ZZZZZZ	2245										
ZZZZZZ	2248										
ZZZZZZ	2251										
ZZZZZZ	2254										
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2307										
ZZZZZZ	2310										
ZZZZZZ	2313										
ZZZZZZ	2316										
ZZZZZZ	2319										
ZZZZZZ	2322										
ZZZZZZ	2325										
ZZZZZZ	2328										
ZZZZZZ	2332										
CCV035	2335	86		89		83		96		97	
CCB035	2337	88		93		94		99		99	
ZZZZZZ	2341										
ZZZZZZ	2344										
ZZZZZZ	2347										
ZZZZZZ	2350										
ZZZZZZ	2353										
ZZZZZZ	2356										
ZZZZZZ	0000										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134059 End Date : 12/21/2024

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
MYCZR9	0003	98		102		98		104		103	
MYCZS3	0006	96		106		96		104		104	
MYCZS4	0009	95		103		95		102		103	
MYCZS5	0012	94		101		95		103		103	
MYCZS6	0015	96		104		96		103		103	
MYCZS7	0018	95		102		95		102		103	
MYD022	0022	98		104		94		101		102	
MYD023	0025	95		104		95		103		103	
MYD024	0028	94		105		93		102		103	
MYD025	0031	95		104		94		102		103	
MYD026	0034	96		105		95		103		104	
MYD027	0037	97		104		95		102		104	
CCV036	0040	83		87		82		95		96	
CCB036	0043	87		91		93		99		98	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/23/2024
 Run Batch: LB134068 End Date : 12/23/2024

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	1059	100		100		100		100		100	
S02	1105	101		99		100		100		99	
S03	1109	103		100		101		101		101	
S04	1112	105		99		100		99		101	
S05	1114	107		94		95		94		100	
S06	1117	101		84		87		84		95	
S07	1120	101		85		88		83		97	
S08	1123	98		88		88		80		94	
ICV007	1206	106		97		97		98		99	
ICB007	1225	102		97		97		97		97	
ICSA007	1229	101		91		92		88		99	
ICSAB007	1232	101		93		97		91		103	
CCV041	1235	98		91		93		86		99	
CCB041	1243	104		95		96		96		99	
ZZZZZZ	1256										
ZZZZZZ	1259										
ZZZZZZ	1302										
ZZZZZZ	1305										
ZZZZZZ	1308										
ZZZZZZ	1311										
ZZZZZZ	1314										
ZZZZZZ	1317										
CCV042	1320	97		89		92		85		98	
CCB042	1323	107		94		96		96		102	
ZZZZZZ	1327										
ZZZZZZ	1330										
ZZZZZZ	1333										
ZZZZZZ	1336										
ZZZZZZ	1339										
ZZZZZZ	1343										
ZZZZZZ	1346										
ZZZZZZ	1349										
ZZZZZZ	1352										
CCV043	1355	100		92		95		88		101	
CCB043	1358	104		91		95		95		100	
ZZZZZZ	1401										
MYD033ARE	1404	107		102		106		100		106	
ZZZZZZ	1408										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/23/2024
 Run Batch: LB134068 End Date : 12/23/2024

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
ZZZZZZ	1411										
ZZZZZZ	1414										
ZZZZZZ	1417										
ZZZZZZ	1420										
CCV044	1423	100		91		94		87		99	
CCB044	1426	107		94		98		97		103	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZR9
 Instrument ID: P7 Start Date : 12/23/2024
 Run Batch: LB134068 End Date : 12/23/2024

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	1059	100		100		100		100		100	
S02	1105	101		100		100		102		101	
S03	1109	100		99		99		101		101	
S04	1112	97		97		97		101		102	
S05	1114	85		87		88		96		97	
S06	1117	82		86		85		96		97	
S07	1120	82		86		84		96		97	
S08	1123	88		88		80		95		96	
ICV007	1206	95		95		96		99		100	
ICB007	1225	97		97		97		98		99	
ICSA007	1229	87		90		86		98		100	
ICSAB007	1232	89		92		89		100		101	
CCV041	1235	88		89		84		96		98	
CCB041	1243	91		93		95		100		100	
ZZZZZZ	1256										
ZZZZZZ	1259										
ZZZZZZ	1302										
ZZZZZZ	1305										
ZZZZZZ	1308										
ZZZZZZ	1311										
ZZZZZZ	1314										
ZZZZZZ	1317										
CCV042	1320	87		90		84		97		99	
CCB042	1323	89		93		95		100		101	
ZZZZZZ	1327										
ZZZZZZ	1330										
ZZZZZZ	1333										
ZZZZZZ	1336										
ZZZZZZ	1339										
ZZZZZZ	1343										
ZZZZZZ	1346										
ZZZZZZ	1349										
ZZZZZZ	1352										
CCV043	1355	87		89		84		97		99	
CCB043	1358	89		92		95		100		100	
ZZZZZZ	1401										
MYD033ARE	1404	98		102		97		103		104	
ZZZZZZ	1408										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51779
		MA No.:	SDG No.: MYCZR9
Instrument ID:	P7	Start Date :	12/23/2024
Run Batch:	LB134068	End Date :	12/23/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	1411										
ZZZZZZ	1414										
ZZZZZZ	1417										
ZZZZZZ	1420										
CCV044	1423	85		88		83		96		98	
CCB044	1426	89		93		96		100		101	