

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.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	1330	100		100		100		100		100	
S02	1336	102		99		99		100		100	
S03	1340	104		98		98		98		100	
S04	1343	103		94		95		94		99	
S05	1359	103		87		89		88		96	
S06	1402	102		87		88		87		96	
S07	1405	100		85		88		84		96	
S08	1407	97		85		86		79		95	
ICV002	1428	105		96		97		98		101	
ICB002	1431	107		97		97		98		101	
ICSA002	1448	97		90		94		89		102	
ICSAB002	1458	101		92		97		92		105	
CCV011	1501	100		95		99		92		107	
CCB011	1504	105		97		101		101		108	
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1514										
ZZZZZZ	1517										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1527										
ZZZZZZ	1530										
ZZZZZZ	1533										
PBS635	1536	106		102		103		104		107	
LCS635	1540	104		101		104		104		107	
LCSD635	1543	106		104		106		105		109	
ZZZZZZ	1546										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1620										

FORM 14-IN

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 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	1623										
ZZZZZZ	1626										
ZZZZZZ	1630										
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										
CCV012	1642	101		94		96		90		104	
CCB012	1644	105		93		96		97		103	
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										
ZZZZZZ	1712										
ZZZZZZ	1715										
ZZZZZZ	1718										
ZZZZZZ	1721										
ZZZZZZ	1724										
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1737										
ZZZZZZ	1740										
ZZZZZZ	1743										
ZZZZZZ	1746										
CCV013	1754	96		93		94		88		102	
CCB013	1757	104		95		98		98		105	
ZZZZZZ	1804										
ZZZZZZ	1807										
ZZZZZZ	1810										
ZZZZZZ	1813										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1823										
ZZZZZZ	1826										

FORM 14-IN

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	1829										
ZZZZZZ	1832										
ZZZZZZ	1835										
ZZZZZZ	1838										
ZZZZZZ	1842										
ZZZZZZ	1845										
ZZZZZZ	1848										
MYCZD9	1851	105		109		109		99		107	
MYCZE0	1854	112		113		113		104		112	
MYCZE1	1857	108		108		110		100		108	
MYCZE2	1900	108		119		115		101		110	
MYCZE3	1903	109		121		112		101		111	
MYCZE4	1906	111		124		116		104		114	
MYCZE5	1909	110		117		113		102		111	
CCV014	1918	99		92		94		88		101	
CCB014	1921	105		93		95		95		102	
MYCZE6	1924	111		111		110		103		112	
MYCZE7	1927	110		112		108		101		109	
MYCZE8	1930	112		112		112		101		110	
MYCZE9	1933	112		112		112		102		111	
MYCZF0	1936	110		110		110		102		110	
MYCZF1	1939	112		113		113		104		112	
MYCZF2	1942	108		109		110		101		110	
MYCZF3	1945	111		110		111		102		111	
MYCZF4	1948	111		111		112		103		112	
MYCZF5	1951	109		111		112		101		110	
MYCZF6	1954	111		111		112		101		111	
MYCZF7	1957	107		109		109		99		108	
MYCZF8	2001	111		121		114		103		112	
MYCZF8D	2004	105		114		107		97		107	
MYCZF8L	2007	107		105		106		104		109	
MYCZF8S	2010	113		122		115		105		115	
MYCZF8SRE	2013	110		116		111		102		112	
ZZZZZZ	2015										
ZZZZZZ	2019										
ZZZZZZ	2022										
ZZZZZZ	2025										
ZZZZZZ	2028										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Run Batch: LB134003 End Date : 12/18/2024

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ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>12/18/2024</u>
Run Batch: <u>LB134003</u>	End Date : <u>12/18/2024</u>

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	2232										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2244										
ZZZZZZ	2247										
ZZZZZZ	2250										
ZZZZZZ	2254										
ZZZZZZ	2257										
MYCZF8	2259	102		98		99		96		103	
MYCZF8D	2303	101		99		100		97		104	
MYCZF8L	2306	100		96		99		99		104	
MYCZF8S	2309	102		100		101		99		105	
MYCZF8SRE	2312	101		100		101		98		104	
ZZZZZZ	2315										
ZZZZZZ	2318										
ZZZZZZ	2322										
ZZZZZZ	2325										
ZZZZZZ	2328										
ZZZZZZ	2331										
ZZZZZZ	2334										
CCV017	2337	100		90		92		86		100	
CCB017	2340	103		90		92		93		101	

FORM 14-IN

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 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	1330	100		100		100		100		100	
S02	1336	99		98		98		99		99	
S03	1340	95		96		96		100		99	
S04	1343	89		92		91		98		98	
S05	1359	84		88		89		98		99	
S06	1402	83		87		87		98		98	
S07	1405	83		88		86		99		100	
S08	1407	87		89		81		96		98	
ICV002	1428	96		98		98		103		103	
ICB002	1431	96		98		100		104		103	
ICSA002	1448	88		94		91		102		104	
ICSAB002	1458	88		93		91		103		102	
CCV011	1501	91		96		90		104		105	
CCB011	1504	93		99		101		107		106	
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1514										
ZZZZZZ	1517										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1527										
ZZZZZZ	1530										
ZZZZZZ	1533										
PBS635	1536	100		102		103		105		104	
LCS635	1540	101		102		103		105		105	
LCSD635	1543	101		102		103		106		104	
ZZZZZZ	1546										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1620										

FORM 14-IN

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	1623										
ZZZZZZ	1626										
ZZZZZZ	1630										
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										
CCV012	1642	88		91		87		102		102	
CCB012	1644	91		96		98		104		104	
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										
ZZZZZZ	1712										
ZZZZZZ	1715										
ZZZZZZ	1718										
ZZZZZZ	1721										
ZZZZZZ	1724										
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1737										
ZZZZZZ	1740										
ZZZZZZ	1743										
ZZZZZZ	1746										
CCV013	1754	87		93		87		101		101	
CCB013	1757	92		98		99		106		105	
ZZZZZZ	1804										
ZZZZZZ	1807										
ZZZZZZ	1810										
ZZZZZZ	1813										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1823										
ZZZZZZ	1826										

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.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	1829										
ZZZZZZ	1832										
ZZZZZZ	1835										
ZZZZZZ	1838										
ZZZZZZ	1842										
ZZZZZZ	1845										
ZZZZZZ	1848										
MYCZD9	1851	105		106		98		105		105	
MYCZE0	1854	106		108		99		108		106	
MYCZE1	1857	105		108		99		107		106	
MYCZE2	1900	116		113		99		108		106	
MYCZE3	1903	117		109		99		108		107	
MYCZE4	1906	117		111		101		109		109	
MYCZE5	1909	115		111		101		109		109	
CCV014	1918	87		91		86		100		101	
CCB014	1921	89		96		98		104		104	
MYCZE6	1924	109		111		103		112		111	
MYCZE7	1927	110		109		102		110		110	
MYCZE8	1930	109		110		100		109		110	
MYCZE9	1933	108		109		100		107		107	
MYCZF0	1936	108		109		101		108		108	
MYCZF1	1939	107		108		100		108		108	
MYCZF2	1942	106		108		100		108		108	
MYCZF3	1945	105		109		102		110		109	
MYCZF4	1948	108		110		102		110		110	
MYCZF5	1951	108		110		100		108		108	
MYCZF6	1954	107		108		99		107		107	
MYCZF7	1957	105		108		99		106		106	
MYCZF8	2001	115		109		97		107		107	
MYCZF8D	2004	109		105		95		105		104	
MYCZF8L	2007	102		104		103		108		108	
MYCZF8S	2010	112		108		99		109		108	
MYCZF8SRE	2013	109		107		99		109		109	
ZZZZZZ	2015										
ZZZZZZ	2019										
ZZZZZZ	2022										
ZZZZZZ	2025										
ZZZZZZ	2028										

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.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	2031										
ZZZZZZ	2034										
ZZZZZZ	2037										
ZZZZZZ	2040										
CCV015	2043	86		90		85		99		100	
CCB015	2050	95		101		102		107		107	
ZZZZZZ	2053										
ZZZZZZ	2056										
ZZZZZZ	2059										
ZZZZZZ	2102										
ZZZZZZ	2105										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2118										
ZZZZZZ	2121										
ZZZZZZ	2124										
ZZZZZZ	2127										
ZZZZZZ	2130										
ZZZZZZ	2133										
ZZZZZZ	2136										
ZZZZZZ	2139										
ZZZZZZ	2142										
ZZZZZZ	2145										
ZZZZZZ	2148										
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										
ZZZZZZ	2201										
ZZZZZZ	2204										
ZZZZZZ	2207										
CCV016	2210	82		87		83		96		97	
CCB016	2212	86		92		95		103		101	
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2225										
ZZZZZZ	2228										

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.: MYCZD9
 Instrument ID: P7 Start Date : 12/18/2024
 Run Batch: LB134003 End Date : 12/18/2024

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	2232										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2244										
ZZZZZZ	2247										
ZZZZZZ	2250										
ZZZZZZ	2254										
ZZZZZZ	2257										
MYCZF8	2259	93		96		94		100		100	
MYCZF8D	2303	96		100		97		104		105	
MYCZF8L	2306	94		99		99		104		104	
MYCZF8S	2309	94		96		96		102		101	
MYCZF8SRE	2312	96		99		98		103		103	
ZZZZZZ	2315										
ZZZZZZ	2318										
ZZZZZZ	2322										
ZZZZZZ	2325										
ZZZZZZ	2328										
ZZZZZZ	2331										
ZZZZZZ	2334										
CCV017	2337	82		87		83		98		97	
CCB017	2340	84		90		93		100		101	

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.: MYCZD9
 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	
MYCZF8ARE	1401	110		118		111		100		108	
ZZZZZZ	1404										
ZZZZZZ	1408										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>12/23/2024</u>
Run Batch: <u>LB134068</u>	End Date : <u>12/23/2024</u>

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

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.: MYCZD9
 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	
MYCZF8ARE	1401	112		105		97		106		107	
ZZZZZZ	1404										
ZZZZZZ	1408										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>12/23/2024</u>
Run Batch: <u>LB134068</u>	End Date : <u>12/23/2024</u>

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	