

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51953
		MA No.:	SDG No.: MC0AF9
Instrument ID:	P7	Start Date :	01/21/2025
Run Batch:	LB134565	End Date :	01/21/2025

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
S0	1327	100		100		100		100		100	
S02	1333	102		100		100		101		101	
S03	1337	103		100		101		101		102	
S04	1340	107		98		99		98		101	
S05	1343	110		91		94		92		100	
S06	1345	112		88		92		89		101	
S07	1348	110		88		93		89		102	
S08	1351	104		88		90		82		97	
ICV001	1426	114		93		96		96		101	
ICB001	1432	113		93		95		96		101	
ICSA001	1435	113		92		95		91		103	
ICSAB001	1438	113		94		98		92		105	
CCV001	1500	114		96		97		90		105	
CCB001	1503	118		96		99		99		105	
ZZZZZZ	1510										
ZZZZZZ	1516										
ZZZZZZ	1519										
ZZZZZZ	1522										
ZZZZZZ	1528										
ZZZZZZ	1531										
ZZZZZZ	1534										
ZZZZZZ	1538										
ZZZZZZ	1541										
CCV002	1544	114		95		98		90		104	
CCB002	1547	119		95		98		99		106	
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1600										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1641										
CCV003	1644	111		95		97		91		105	
CCB003	1650	118		98		101		103		107	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Instrument ID: P7	Start Date : 01/21/2025
Run Batch: LB134565	End Date : 01/21/2025

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
PBW136	1704	111		103		104		105		107	
LCS136	1707	112		103		104		104		107	
MC0AF9	1711	112		103		105		104		107	
MC0AH2	1714	113		100		102		101		106	
MC0AH3	1717	113		100		101		101		107	
MC0AF8	1720	112		98		101		99		106	
MC0AF8D	1723	113		98		101		99		105	
MC0AF8L	1726	116		99		103		103		108	
MC0AF8S	1730	112		97		99		97		105	
MC0AE9	1733	109		94		97		91		105	
MC0AG4	1736	112		100		103		103		108	
MC0AH0	1739	108		96		99		93		106	
MC0AE6	1742	111		101		105		103		110	
MC0AF0	1745	110		99		102		100		108	
MC0AF1	1749	112		98		103		99		109	
MC0AF5	1752	106		95		100		92		107	
MC0AF6	1755	113		102		106		105		112	
MC0AF7	1758	115		101		106		104		112	
MC0AE3	1801	113		99		103		100		110	
MC0AE4	1804	114		98		103		101		110	
MC0AE5	1807	117		100		104		103		110	
MC0AF2	1811	114		96		102		95		110	
MC0AF3	1814	118		102		107		105		114	
MC0AF4	1817	116		100		104		103		113	
CCV004	1826	117		100		104		96		112	
CCB004	1829	123		100		105		105		111	
MC0AE9	1839	111		94		98		94		106	
MC0AH0	1842	118		99		104		100		112	
MC0AF5	1846	115		101		106		100		113	
CCV005	1849	112		103		107		100		115	
CCB005	1852	119		105		111		110		116	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51953	MA No.: SDG No.: MC0AF9
Instrument ID: P7	Start Date : 01/21/2025
Run Batch: LB134565	End Date : 01/21/2025

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
S0	1327	100		100		100		100		100	
S02	1333	101		101		101		100		100	
S03	1337	99		99		99		99		99	
S04	1340	96		96		95		99		101	
S05	1343	89		90		89		97		98	
S06	1345	89		90		89		98		100	
S07	1348	90		92		88		99		101	
S08	1351	92		92		82		96		97	
ICV001	1426	94		93		94		99		101	
ICB001	1432	93		94		95		99		100	
ICSA001	1435	93		94		91		102		102	
ICSAB001	1438	95		97		92		103		104	
CCV001	1500	95		96		89		102		103	
CCB001	1503	98		99		100		104		104	
ZZZZZZ	1510										
ZZZZZZ	1516										
ZZZZZZ	1519										
ZZZZZZ	1522										
ZZZZZZ	1528										
ZZZZZZ	1531										
ZZZZZZ	1534										
ZZZZZZ	1538										
ZZZZZZ	1541										
CCV002	1544	96		95		89		101		104	
CCB002	1547	98		98		100		104		105	
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1600										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1641										
CCV003	1644	95		96		89		103		104	
CCB003	1650	100		101		102		105		107	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Instrument ID: <u>P7</u>	Start Date : <u>01/21/2025</u>
Run Batch: <u>LB134565</u>	End Date : <u>01/21/2025</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
PBW136	1704	102		103		104		105		107	
LCS136	1707	103		103		104		106		107	
MC0AF9	1711	102		103		102		105		106	
MC0AH2	1714	100		101		101		106		106	
MC0AH3	1717	100		102		100		105		106	
MC0AF8	1720	101		103		100		104		106	
MC0AF8D	1723	99		100		99		105		105	
MC0AF8L	1726	100		100		101		104		105	
MC0AF8S	1730	99		99		98		105		105	
MC0AE9	1733	89		91		86		95		97	
MC0AG4	1736	100		102		103		106		106	
MC0AH0	1739	99		100		94		105		105	
MC0AE6	1742	101		103		101		107		107	
MC0AF0	1745	99		101		100		106		106	
MC0AF1	1749	101		102		100		108		109	
MC0AF5	1752	98		100		93		105		107	
MC0AF6	1755	103		104		104		110		109	
MC0AF7	1758	102		103		102		108		110	
MC0AE3	1801	100		103		101		108		108	
MC0AE4	1804	99		100		100		107		107	
MC0AE5	1807	99		101		101		106		109	
MC0AF2	1811	98		100		96		106		108	
MC0AF3	1814	102		102		102		109		109	
MC0AF4	1817	102		102		102		109		110	
CCV004	1826	100		101		95		108		110	
CCB004	1829	101		103		105		108		109	
MC0AE9	1839	100		102		99		108		110	
MC0AH0	1842	102		104		101		111		110	
MC0AF5	1846	102		104		100		109		111	
CCV005	1849	104		107		99		111		113	
CCB005	1852	107		108		110		112		113	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Instrument ID: <u>P7</u>	Start Date : <u>02/04/2025</u>
Run Batch: <u>LB134593</u>	End Date : <u>02/04/2025</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
S0	1725	100		100		100		100		100	
S02	1728	100		100		100		101		101	
S03	1731	101		99		99		100		101	
S04	1734	102		94		97		95		101	
S05	1737	102		90		94		91		101	
S06	1740	102		86		92		89		103	
S07	1743	101		85		91		87		103	
S08	1746	96		85		89		80		97	
ICV004	1802	101		86		92		92		101	
ICB004	1809	101		87		92		92		100	
ICSA004	1812	97		83		88		83		99	
ICSAB004	1815	100		87		94		88		102	
CCV015	1839	99		87		92		85		100	
CCB015	1845	102		89		95		94		102	
ZZZZZZ	1853										
ZZZZZZ	1857										
ZZZZZZ	1900										
ZZZZZZ	1903										
ZZZZZZ	1906										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1920										
CCV016	1926	99		85		89		83		97	
CCB016	1928	102		86		92		92		101	
ZZZZZZ	1948										
ZZZZZZ	1951										
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										
ZZZZZZ	2004										
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
CCV017	2016	101		84		91		84		102	
CCB017	2019	101		85		91		91		100	
MC0AD6	2022	105		89		96		95		104	
MC0AD6	2031	102		88		95		94		103	

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51953 MA No.: SDG No.: MC0AF9
 Instrument ID: P7 Start Date : 02/04/2025
 Run Batch: LB134593 End Date : 02/04/2025

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
CCV018	2038	99		85		91		85		102	
CCB018	2040	103		87		94		93		103	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

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	1725	100		100		100		100		100	
S02	1728	100		99		100		100		100	
S03	1731	94		94		93		95		96	
S04	1734	94		95		94		100		100	
S05	1737	94		95		95		102		103	
S06	1740	88		91		90		100		101	
S07	1743	88		91		88		100		101	
S08	1746	89		90		81		95		96	
ICV004	1802	89		93		93		99		100	
ICB004	1809	90		94		95		99		99	
ICSA004	1812	88		92		88		99		100	
ICSAB004	1815	91		94		90		101		101	
CCV015	1839	90		92		85		98		99	
CCB015	1845	89		93		93		98		98	
ZZZZZZ	1853										
ZZZZZZ	1857										
ZZZZZZ	1900										
ZZZZZZ	1903										
ZZZZZZ	1906										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1920										
CCV016	1926	88		89		84		97		98	
CCB016	1928	90		94		94		99		99	
ZZZZZZ	1948										
ZZZZZZ	1951										
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										
ZZZZZZ	2004										
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
CCV017	2016	89		92		86		99		101	
CCB017	2019	90		95		95		101		101	
MC0AD6	2022	91		95		96		101		102	
MC0AD6	2031	92		96		97		101		102	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

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
CCV018	2038	90		93		87		99		100	
CCB018	2040	91		95		97		101		101	