

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51715
		MA No.:	SDG No.: MH2GH8
Instrument ID:	P7	Start Date :	10/28/2024
Run Batch:	LB133179	End Date :	10/29/2024

[illegible]

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Run Batch: LB133179 End Date : 10/29/2024

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	1545										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1619										
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1629										
ZZZZZZ	1632										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
CCV020	1655	99		99		104		96		106	
CCB020	1658	101		98		101		102		106	
ZZZZZZ	1701										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
CCV021	1743	92		97		103		94		104	
CCB021	1745	96		99		103		103		106	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51715 MA No.: SDG No.: MH2GH8
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/29/2024

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	1749										
ZZZZZZ	1753										
ZZZZZZ	1756										
ZZZZZZ	1759										
ZZZZZZ	1802										
ZZZZZZ	1805										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
CCV022	1834	99		98		102		96		106	
CCB022	1837	105		102		105		106		110	
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1851										
ZZZZZZ	1854										
ZZZZZZ	1857										
ZZZZZZ	1900										
ZZZZZZ	1903										
ZZZZZZ	1907										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1919										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1929										
ZZZZZZ	1932										
ZZZZZZ	1935										
CCV023	1939	99		99		104		98		108	
CCB023	1941	101		98		103		102		107	
ZZZZZZ	1945										
ZZZZZZ	1948										

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Run Batch: LB133179 End Date : 10/29/2024

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	1951										
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										
ZZZZZZ	2004										
ZZZZZZ	2008										
ZZZZZZ	2011										
ZZZZZZ	2014										
ZZZZZZ	2017										
ZZZZZZ	2021										
ZZZZZZ	2024										
ZZZZZZ	2027										
ZZZZZZ	2030										
ZZZZZZ	2033										
ZZZZZZ	2036										
ZZZZZZ	2040										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2056										
ZZZZZZ	2059										
ZZZZZZ	2102										
ZZZZZZ	2105										
CCV024	2108	96		97		104		98		107	
CCB024	2111	100		98		102		102		108	
ZZZZZZ	2115										
ZZZZZZ	2118										
ZZZZZZ	2121										
ZZZZZZ	2124										
ZZZZZZ	2127										
ZZZZZZ	2130										
ZZZZZZ	2134										
ZZZZZZ	2137										
ICSA005	2141	89		99		102		98		106	
ICSAB005	2145	88		97		102		98		107	
CCV025	2151	94		97		103		97		108	
CCB025	2154	92		97		103		104		108	

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Contract: 68HERH20D0011

MA No.: SDG No.: MH2GH8

Start Date : 10/28/2024

End Date : 10/29/2024

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	2157										
ZZZZZZ	2200										
ZZZZZZ	2203										
ZZZZZZ	2207										
ZZZZZZ	2210										
ZZZZZZ	2213										
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2239										
ZZZZZZ	2242										
ZZZZZZ	2245										
ZZZZZZ	2248										
ZZZZZZ	2251										
CCV026	2255	91		98		105		99		110	
CCB026	2257	91		94		101		102		105	
ZZZZZZ	2301										
ZZZZZZ	2304										
ZZZZZZ	2307										
ZZZZZZ	2310										
ZZZZZZ	2314										
ZZZZZZ	2317										
ZZZZZZ	2320										
ZZZZZZ	2323										
ZZZZZZ	2327										
ZZZZZZ	2330										
ZZZZZZ	2333										
ZZZZZZ	2336										
PBS318	2339	81		93		101		100		104	
LCS318	2343	81		93		99		100		103	
MH2GH8	2346	76		92		100		95		100	
MH2GH9	2349	73		94		103		98		103	
MH2GJ0	2352	74		94		102		98		103	
MH2GJ0D	2356	75		95		103		99		104	

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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
MH2GJ0L	2359	76		90		96		95		97	
MH2GJ0S	0002	77		96		102		97		103	
MH2GJ1	0005	76		94		100		98		102	
MH2GJ2	0009	79		92		98		93		101	
MH2GJ3	0012	79		92		99		94		101	
MH2GJ4	0015	72		90		98		92		100	
MH2GJ5	0018	70		89		96		91		98	
MH2GJ6	0021	72		91		101		94		101	
CCV027	0027	96		95		100		96		107	
CCB027	0030	97		97		103		103		108	
MH2GJ7	0033	84		93		101		93		102	
MH2GJ8	0037	81		93		102		97		103	
MH2GJ9	0040	79		94		102		95		101	
MH2GK0	0043	77		91		98		92		99	
ZZZZZZ	0046										
ZZZZZZ	0049										
ZZZZZZ	0053										
ZZZZZZ	0056										
ZZZZZZ	0059										
ZZZZZZ	0103										
ZZZZZZ	0106										
ZZZZZZ	0110										
ZZZZZZ	0113										
ZZZZZZ	0116										
ZZZZZZ	0119										
ZZZZZZ	0122										
ZZZZZZ	0126										
ZZZZZZ	0129										
ZZZZZZ	0132										
ZZZZZZ	0135										
ZZZZZZ	0138										
ZZZZZZ	0141										
ZZZZZZ	0144										
ZZZZZZ	0147										
CCV028	0151	89		91		97		91		102	
CCB028	0153	94		96		102		102		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.: 51715 MA No.: SDG No.: MH2GH8
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/29/2024

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	1322	100		100		100		100		100	
S02	1326	100		100		99		101		102	
S03	1329	99		99		99		101		101	
S04	1332	100		100		99		102		105	
S05	1335	99		100		100		104		107	
S06	1338	100		100		100		107		109	
S07	1341	97		98		97		107		108	
S08	1344	99		100		92		106		107	
ICV003	1403	100		100		101		102		103	
ICB003	1406	97		98		98		100		100	
ICSA004	1410	102		104		100		109		110	
ICSAB004	1413	104		104		102		110		111	
CCV018	1416	102		104		98		107		109	
CCB018	1419	99		102		104		107		108	
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1446										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1521										
ZZZZZZ	1525										
CCV019	1528	97		100		96		106		106	
CCB019	1535	98		102		102		104		105	
ZZZZZZ	1539										
ZZZZZZ	1542										

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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	1545										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1619										
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1629										
ZZZZZZ	1632										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
CCV020	1655	98		101		97		106		108	
CCB020	1658	95		99		101		103		105	
ZZZZZZ	1701										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
CCV021	1743	95		98		95		104		106	
CCB021	1745	95		99		102		105		107	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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[illegible]

FORM 14-IN

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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
ZZZZZZ	2157										
ZZZZZZ	2200										
ZZZZZZ	2203										
ZZZZZZ	2207										
ZZZZZZ	2210										
ZZZZZZ	2213										
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2239										
ZZZZZZ	2242										
ZZZZZZ	2245										
ZZZZZZ	2248										
ZZZZZZ	2251										
CCV026	2255	93		99		98		107		110	
CCB026	2257	90		98		102		104		105	
ZZZZZZ	2301										
ZZZZZZ	2304										
ZZZZZZ	2307										
ZZZZZZ	2310										
ZZZZZZ	2314										
ZZZZZZ	2317										
ZZZZZZ	2320										
ZZZZZZ	2323										
ZZZZZZ	2327										
ZZZZZZ	2330										
ZZZZZZ	2333										
ZZZZZZ	2336										
PBS318	2339	89		97		100		101		103	
LCS318	2343	90		96		100		102		104	
MH2GH8	2346	91		99		98		102		102	
MH2GH9	2349	93		102		99		104		104	
MH2GJ0	2352	93		101		101		103		104	
MH2GJ0D	2356	92		99		99		103		104	

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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
MH2GJ0L	2359	89		95		98		99		101	
MH2GJ0S	0002	91		97		99		101		104	
MH2GJ1	0005	91		96		98		99		102	
MH2GJ2	0009	89		94		95		99		101	
MH2GJ3	0012	89		97		96		98		101	
MH2GJ4	0015	88		96		93		97		98	
MH2GJ5	0018	87		93		93		97		99	
MH2GJ6	0021	90		99		96		101		103	
CCV027	0027	89		95		94		105		107	
CCB027	0030	90		98		102		105		106	
MH2GJ7	0033	90		97		96		101		102	
MH2GJ8	0037	90		98		99		99		103	
MH2GJ9	0040	91		97		99		101		103	
MH2GK0	0043	90		97		95		99		102	
ZZZZZZ	0046										
ZZZZZZ	0049										
ZZZZZZ	0053										
ZZZZZZ	0056										
ZZZZZZ	0059										
ZZZZZZ	0103										
ZZZZZZ	0106										
ZZZZZZ	0110										
ZZZZZZ	0113										
ZZZZZZ	0116										
ZZZZZZ	0119										
ZZZZZZ	0122										
ZZZZZZ	0126										
ZZZZZZ	0129										
ZZZZZZ	0132										
ZZZZZZ	0135										
ZZZZZZ	0138										
ZZZZZZ	0141										
ZZZZZZ	0144										
ZZZZZZ	0147										
CCV028	0151	89		95		93		104		106	
CCB028	0153	89		97		101		104		105	