

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4L4
 Instrument ID: P7 Start Date : 11/03/2024
 Run Batch: LB133264 End Date : 11/03/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1449	100		100							
S02	1455	104		103							
S03	1459	108		105							
S04	1502	109		106							
S05	1505	109		106							
S06	1507	111		107							
S07	1510	103		98							
S08	1513	107		93							
ICV002	1523	111		109							
ICB002	1531	106		103							
ICSA002	1540	108		99							
ICSAB002	1543	113		104							
CCV006	1546	116		104							
CCB006	1548	118		116							
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1634										
ZZZZZZ	1637										
ZZZZZZ	1640										
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1655										
ZZZZZZ	1658										
ZZZZZZ	1701										

FORM 14-IN

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		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	1704										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
CCV007	1726	112		102							
CCB007	1729	115		114							
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1745										
ZZZZZZ	1748										
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1806										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1819										
ZZZZZZ	1822										
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
CCV008	1852	113		104							
CCB008	1855	110		111							

FORM 14-IN

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1933										
ZZZZZZ	1936										
ZZZZZZ	1940										
ZZZZZZ	1944										
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	1959										
ZZZZZZ	2003										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2012										
ZZZZZZ	2015										
ZZZZZZ	2018										
CCV009	2025	108		101							
CCB009	2028	107		109							
ZZZZZZ	2032										
ZZZZZZ	2034										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2044										
ZZZZZZ	2047										
ZZZZZZ	2050										
ZZZZZZ	2053										
ZZZZZZ	2057										

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	
		165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	2100										
ZZZZZZ	2103										
ZZZZZZ	2106										
ZZZZZZ	2109										
ZZZZZZ	2112										
ZZZZZZ	2116										
ZZZZZZ	2119										
ZZZZZZ	2122										
ZZZZZZ	2125										
ZZZZZZ	2128										
ZZZZZZ	2131										
ZZZZZZ	2135										
ZZZZZZ	2138										
ZZZZZZ	2141										
ZZZZZZ	2144										
ZZZZZZ	2147										
ZZZZZZ	2151										
CCV010	2154	104		97							
CCB010	2158	107		107							
ZZZZZZ	2304										
ZZZZZZ	2307										
ZZZZZZ	2310										
ZZZZZZ	2313										
ZZZZZZ	2316										
ZZZZZZ	2319										
ZZZZZZ	2322										
MYE4M1ARE	2330	104		103							
CCV011	2334	105		99							
CCB011	2338	107		107							

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Contract: 68HERH20D0011

MA No.: SDG No.: MYE4L4

Start Date : 11/03/2024

End Date : 11/03/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
S0	1449	100									
S02	1455	102									
S03	1459	104									
S04	1502	103									
S05	1505	103									
S06	1507	102									
S07	1510	101									
S08	1513	91									
ICV002	1523	109									
ICB002	1531	104									
ICSA002	1540	100									
ICSAB002	1543	103									
CCV006	1546	99									
CCB006	1548	112									
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1634										
ZZZZZZ	1637										
ZZZZZZ	1640										
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1655										
ZZZZZZ	1658										
ZZZZZZ	1701										

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Contract: 68HERH20D0011

MA No.: SDG No.: MYE4L4

Start Date : 11/03/2024

End Date : 11/03/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
ZZZZZZ	1704										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
CCV007	1726	100									
CCB007	1729	110									
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1745										
ZZZZZZ	1748										
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1806										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1819										
ZZZZZZ	1822										
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
CCV008	1852	102									
CCB008	1855	104									

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 Run Batch: LB133264 End Date : 11/03/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1933										
ZZZZZZ	1936										
ZZZZZZ	1940										
ZZZZZZ	1944										
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	1959										
ZZZZZZ	2003										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2012										
ZZZZZZ	2015										
ZZZZZZ	2018										
CCV009	2025	98									
CCB009	2028	108									
ZZZZZZ	2032										
ZZZZZZ	2034										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2044										
ZZZZZZ	2047										
ZZZZZZ	2050										
ZZZZZZ	2053										
ZZZZZZ	2057										

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FORM 14-IN

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4L4
 Instrument ID: P7 Start Date : 11/02/2024
 Run Batch: LB133265 End Date : 11/02/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1741	100		100							
S02	1748	99		97							
S03	1751	101		99							
S04	1754	100		99							
S05	1757	101		101							
S06	1800	103		101							
S07	1802	103		100							
S08	1805	97		88							
ICV001	1809	102		102							
ICB001	1812	102		100							
ICSA001	1816	104		98							
ICSAB001	1819	104		98							
CCV001	1822	106		98							
CCB001	1828	105		106							
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1850										
ZZZZZZ	1853										
ZZZZZZ	1902										
ZZZZZZ	1906										
ZZZZZZ	1909										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1934										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
ZZZZZZ	1946										
ZZZZZZ	1949										

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	1952										
ZZZZZZ	1955										
ZZZZZZ	1958										
CCV002	2001	104		97							
CCB002	2004	103		104							
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2020										
ZZZZZZ	2023										
MYE4L4	2036	102		100							
MYE4L5	2039	102		101							
PBS572	2048	99		99							
LCS572	2052	98		98							
LCSD572	2055	98		98							
MYE4L6	2058	99		97							
MYE4L7	2101	104		101							
MYE4L8	2105	103		103							
MYE4L9	2108	102		100							
MYE4M0	2111	102		101							
MYE4M1	2114	102		102							
MYE4M1D	2117	101		101							
MYE4M1L	2120	100		101							
MYE4M1S	2123	98		99							
MYE4M1SRE	2126	102		102							
MYE4M2	2129	104		104							
MYE4M4	2132	103		103							
MYE4M5	2136	102		102							
MYE4M6	2139	102		102							
MYE4M7	2142	102		103							
CCV003	2145	100		94							
CCB003	2148	101		103							
MYE4M8	2151	106		103							
MYE4M9	2154	105		105							
MYE4N0	2157	103		101							
MYE4N1	2200	105		104							

FORM 14-IN

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 Run Batch: LB133265 End Date : 11/02/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
MYE4N2	2203	104		102							
MYE4N3	2206	104		103							
MYE4N4	2210	104		101							
MYE4M1	2213	100		101							
MYE4M1D	2216	102		101							
MYE4M1L	2219	103		103							
MYE4M1S	2222	101		101							
MYE4M1SRE	2225	99		100							
ZZZZZZ	2231										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2244										
ZZZZZZ	2247										
ZZZZZZ	2251										
ZZZZZZ	2254										
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2306										
ZZZZZZ	2309										
ZZZZZZ	2312										
CCV004	2315	102		95							
CCB004	2318	104		107							

FORM 14-IN

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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
S0	1741	100									
S02	1748	102									
S03	1751	104									
S04	1754	104									
S05	1757	103									
S06	1800	104									
S07	1802	101									
S08	1805	90									
ICV001	1809	105									
ICB001	1812	100									
ICSA001	1816	101									
ICSAB001	1819	103									
CCV001	1822	98									
CCB001	1828	107									
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1850										
ZZZZZZ	1853										
ZZZZZZ	1902										
ZZZZZZ	1906										
ZZZZZZ	1909										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1934										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
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 Run Batch: LB133265 End Date : 11/02/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
ZZZZZZ	1952										
ZZZZZZ	1955										
ZZZZZZ	1958										
CCV002	2001	97									
CCB002	2004	108									
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2020										
ZZZZZZ	2023										
MYE4L4	2036	97									
MYE4L5	2039	105									
PBS572	2048	104									
LCS572	2052	102									
LCSD572	2055	103									
MYE4L6	2058	104									
MYE4L7	2101	106									
MYE4L8	2105	105									
MYE4L9	2108	103									
MYE4M0	2111	104									
MYE4M1	2114	104									
MYE4M1D	2117	103									
MYE4M1L	2120	105									
MYE4M1S	2123	104									
MYE4M1SRE	2126	105									
MYE4M2	2129	106									
MYE4M4	2132	105									
MYE4M5	2136	105									
MYE4M6	2139	105									
MYE4M7	2142	105									
CCV003	2145	94									
CCB003	2148	106									
MYE4M8	2151	107									
MYE4M9	2154	109									
MYE4N0	2157	108									
MYE4N1	2200	107									

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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
MYE4N2	2203	106									
MYE4N3	2206	98									
MYE4N4	2210	104									
MYE4M1	2213	107									
MYE4M1D	2216	105									
MYE4M1L	2219	104									
MYE4M1S	2222	106									
MYE4M1SRE	2225	107									
ZZZZZZ	2231										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2244										
ZZZZZZ	2247										
ZZZZZZ	2251										
ZZZZZZ	2254										
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2306										
ZZZZZZ	2309										
ZZZZZZ	2312										
CCV004	2315	95									
CCB004	2318	109									