

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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
S0	1449	100		100		100		100		100	
S02	1455	102		101		101		102		105	
S03	1459	105		104		105		105		107	
S04	1502	103		105		106		104		109	
S05	1505	103		103		105		102		108	
S06	1507	104		103		106		102		111	
S07	1510	96		95		98		93		103	
S08	1513	99		107		105		95		109	
ICV002	1523	107		110		111		111		111	
ICB002	1531	102		105		105		105		105	
ICSA002	1540	97		107		106		101		108	
ICSAB002	1543	99		113		113		106		113	
CCV006	1546	96		119		117		107		116	
CCB006	1548	101		120		119		118		118	
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										
ZZZZZZ	1704										

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 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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
CCV007	1726	96		108		111		101		112	
CCB007	1729	100		112		113		113		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	93		101		106		98		112	
CCB008	1855	93		100		104		106		111	
ZZZZZZ	1858										
ZZZZZZ	1901										

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

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	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	88		94		101		93		107	
CCB009	2028	89		94		101		101		108	
ZZZZZZ	2032										
ZZZZZZ	2034										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2044										
ZZZZZZ	2047										
ZZZZZZ	2050										
ZZZZZZ	2053										
ZZZZZZ	2057										
ZZZZZZ	2100										
ZZZZZZ	2103										
ZZZZZZ	2106										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
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	85		89		96		88		104	
CCB010	2158	89		96		101		102		109	
ZZZZZZ	2304										
ZZZZZZ	2307										
ZZZZZZ	2310										
ZZZZZZ	2313										
ZZZZZZ	2316										
ZZZZZZ	2319										
ZZZZZZ	2322										
MYE4M1ARE	2330	84		92		99		95		105	
CCV011	2334	85		88		95		88		105	
CCB011	2338	90		94		100		101		108	

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

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	1449	100		100		100		100		100	
S02	1455	102		102		103		101		103	
S03	1459	105		104		104		104		105	
S04	1502	104		102		102		105		105	
S05	1505	103		103		101		104		106	
S06	1507	102		101		101		105		107	
S07	1510	104		102		99		106		107	
S08	1513	109		104		93		104		105	
ICV002	1523	112		109		110		109		109	
ICB002	1531	107		105		107		104		105	
ICSA002	1540	112		108		103		107		109	
ICSAB002	1543	118		113		107		111		113	
CCV006	1546	121		114		105		110		112	
CCB006	1548	119		116		116		112		114	
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										
ZZZZZZ	1704										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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 :	11/03/2024
Run Batch:	LB133264	End Date :	11/03/2024

[illegible]

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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[illegible]

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P7	Start Date : 11/03/2024
Run Batch: LB133264	End Date : 11/03/2024

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	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	97		100		95		105		108	
CCB010	2158	97		102		105		106		107	
ZZZZZZ	2304										
ZZZZZZ	2307										
ZZZZZZ	2310										
ZZZZZZ	2313										
ZZZZZZ	2316										
ZZZZZZ	2319										
ZZZZZZ	2322										
MYE4M1ARE	2330	92		100		97		100		103	
CCV011	2334	93		96		91		103		104	
CCB011	2338	94		100		103		103		105	

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

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	1741	100		100		100		100		100	
S02	1748	99		99		99		99		100	
S03	1751	99		100		100		99		102	
S04	1754	99		98		98		98		101	
S05	1757	100		95		98		97		102	
S06	1800	101		93		98		94		103	
S07	1802	100		93		96		91		104	
S08	1805	96		93		93		83		99	
ICV001	1809	105		97		98		98		102	
ICB001	1812	102		102		101		102		101	
ICSA001	1816	101		98		99		93		104	
ICSAB001	1819	100		96		97		92		104	
CCV001	1822	99		101		102		93		106	
CCB001	1828	106		103		103		104		105	
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										
ZZZZZZ	1952										

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

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	1955										
ZZZZZZ	1958										
CCV002	2001	96		90		94		87		102	
CCB002	2004	99		94		97		97		103	
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2020										
ZZZZZZ	2023										
MYE4L4	2036	94		95		101		94		102	
MYE4L5	2039	96		95		101		93		102	
PBS572	2048	93		92		95		96		100	
LCS572	2052	91		91		94		95		99	
LCSD572	2055	90		92		96		96		98	
MYE4L6	2058	92		93		98		93		99	
MYE4L7	2101	97		94		101		92		103	
MYE4L8	2105	98		93		100		93		103	
MYE4L9	2108	98		97		97		92		102	
MYE4M0	2111	97		93		96		93		102	
MYE4M1	2114	98		94		99		93		102	
MYE4M1D	2117	97		93		97		92		101	
MYE4M1L	2120	96		91		94		94		101	
MYE4M1S	2123	92		90		95		89		99	
MYE4M1SRE	2126	95		92		96		92		101	
MYE4M2	2129	98		93		98		94		104	
MYE4M4	2132	97		94		99		94		103	
MYE4M5	2136	96		92		97		93		102	
MYE4M6	2139	96		94		100		93		102	
MYE4M7	2142	95		92		98		92		102	
CCV003	2145	94		88		92		85		100	
CCB003	2148	96		92		95		96		101	
MYE4M8	2151	99		103		106		98		105	
MYE4M9	2154	99		102		105		99		107	
MYE4N0	2157	96		98		102		95		102	
MYE4N1	2200	99		100		103		97		105	
MYE4N2	2203	99		101		104		96		105	
MYE4N3	2206	98		97		102		96		104	

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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	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
MYE4N4	2210	97		99		102		95		104	
MYE4M1	2213	96		93		97		95		102	
MYE4M1D	2216	95		93		97		96		101	
MYE4M1L	2219	95		94		98		98		102	
MYE4M1S	2222	95		92		96		95		102	
MYE4M1SRE	2225	93		91		94		92		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	88		86		92		85		101	
CCB004	2318	94		92		96		97		105	

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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: Collision Cell									
		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
S0	1741	100		100		100		100		100	
S02	1748	102		101		103		103		102	
S03	1751	104		103		103		104		105	
S04	1754	102		101		102		105		104	
S05	1757	101		102		100		106		106	
S06	1800	101		102		100		109		108	
S07	1802	100		100		97		107		107	
S08	1805	102		99		89		102		102	
ICV001	1809	106		104		105		107		106	
ICB001	1812	102		99		99		100		100	
ICSA001	1816	104		104		99		108		108	
ICSAB001	1819	106		104		100		109		109	
CCV001	1822	108		105		98		108		108	
CCB001	1828	107		105		107		108		108	
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										
ZZZZZZ	1952										

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

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	1955										
ZZZZZZ	1958										
CCV002	2001	99		99		93		105		106	
CCB002	2004	101		103		104		106		107	
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2020										
ZZZZZZ	2023										
MYE4L4	2036	95		99		93		98		99	
MYE4L5	2039	103		107		101		108		107	
PBS572	2048	97		100		103		104		103	
LCS572	2052	97		100		101		103		102	
LCSD572	2055	98		101		101		104		103	
MYE4L6	2058	101		105		100		106		106	
MYE4L7	2101	103		108		101		107		109	
MYE4L8	2105	99		105		100		107		107	
MYE4L9	2108	104		102		99		105		105	
MYE4M0	2111	101		103		100		106		105	
MYE4M1	2114	101		104		100		106		106	
MYE4M1D	2117	100		103		99		105		106	
MYE4M1L	2120	98		100		101		105		104	
MYE4M1S	2123	100		104		100		105		105	
MYE4M1SRE	2126	99		102		99		105		106	
MYE4M2	2129	101		104		101		106		108	
MYE4M4	2132	101		104		100		107		107	
MYE4M5	2136	100		103		100		106		106	
MYE4M6	2139	101		106		101		106		107	
MYE4M7	2142	100		104		100		107		106	
CCV003	2145	95		96		90		102		103	
CCB003	2148	98		101		103		105		106	
MYE4M8	2151	111		111		106		110		110	
MYE4M9	2154	109		110		107		111		111	
MYE4N0	2157	108		110		105		111		112	
MYE4N1	2200	106		108		103		109		109	
MYE4N2	2203	108		110		102		107		109	
MYE4N3	2206	97		100		94		100		100	

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

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
MYE4N4	2210	105		107		100		107		106	
MYE4M1	2213	101		104		103		106		106	
MYE4M1D	2216	101		103		102		105		106	
MYE4M1L	2219	98		101		101		104		104	
MYE4M1S	2222	101		104		103		106		107	
MYE4M1SRE	2225	100		103		103		108		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		97		91		104		103	
CCB004	2318	98		102		104		108		107	