

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDA19
 Instrument ID: P7 Start Date : 10/23/2024
 Run Batch: LB133092 End Date : 10/23/2024

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	1608	100		100		100		100		100	
S02	1611	102		101		101		100		101	
S03	1615	104		100		100		101		100	
S04	1618	110		98		100		98		101	
S05	1621	111		98		101		97		101	
S06	1623	112		96		100		97		101	
S07	1626	108		97		100		95		100	
S08	1629	102		94		94		84		96	
ICV001	1654	103		101		99		98		96	
ICB001	1712	101		99		97		98		95	
ICSA001	1715	105		97		97		92		98	
ICSAB001	1718	105		99		99		93		100	
CCV001	1721	106		97		97		90		98	
CCB001	1724	112		98		99		99		99	
ZZZZZZ	1727										
ZZZZZZ	1731										
ZZZZZZ	1734										
PBS032	1737	109		100		100		100		100	
LCS032	1741	106		99		101		101		99	
LCSD032	1744	108		101		101		100		100	
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1806										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										

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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
ZZZZZZ	1846										
CCV002	1849	102		96		98		91		99	
CCB002	1852	107		97		99		100		101	
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1925										
ZZZZZZ	1928										
ZZZZZZ	1931										
ZZZZZZ	1934										
ZZZZZZ	1938										
ZZZZZZ	1941										
ZZZZZZ	1944										
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	1959										
ZZZZZZ	2002										
ZZZZZZ	2005										
ZZZZZZ	2009										
ZZZZZZ	2012										
CCV003	2029	102		92		93		86		93	
CCB003	2032	109		95		96		96		97	
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2042										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2100										
ZZZZZZ	2103										
ZZZZZZ	2107										

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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
ZZZZZZ	2110										
ZZZZZZ	2113										
MYDA19	2116	95		98		101		94		100	
MYDA20	2119	99		99		101		95		99	
MYDA21	2122	102		99		100		95		99	
MYDA22	2125	100		100		102		95		98	
MYDA23	2128	102		96		99		95		98	
ICSA002	2131	98		91		94		90		97	
ICSAB002	2135	99		93		96		92		98	
CCV004	2138	103		92		95		87		95	
CCB004	2140	112		92		96		96		97	
MYDA24	2144	103		102		103		97		99	
MYDA25	2147	103		100		103		95		99	
MYDA26	2150	100		101		102		96		99	
MYDA27	2153	99		101		100		93		98	
MYDA28	2156	100		99		99		92		97	
MYDA29	2159	98		100		99		92		97	
MYDA30	2202	101		100		101		97		99	
ZZZZZZ	2207										
CCV005	2210	102		91		94		88		97	
CCB005	2213	105		89		93		93		95	
MYDA31	2216	97		106		100		93		98	
MYDA32	2219	97		108		99		91		97	
MYDA33	2222	99		111		100		92		98	
MYDA34	2225	102		96		99		94		99	
MYDA35	2229	102		104		101		92		97	
MYDA36	2232	102		94		98		93		98	
MYDA37	2235	100		102		101		91		98	
MYDA42	2238	99		97		99		93		98	
MYDA42D	2241	97		96		98		93		97	
MYDA42L	2244	104		92		96		95		96	
MYDA42S	2247	103		100		103		97		101	
MYDA42SRE	2251	105		99		102		96		101	
ZZZZZZ	2253										
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2306										

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 Instrument ID: P7 Start Date : 10/23/2024
 Run Batch: LB133092 End Date : 10/23/2024

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	
ZZZZZZ	2309										
ZZZZZZ	2312										
ZZZZZZ	2315										
ZZZZZZ	2318										
ZZZZZZ	2321										
ZZZZZZ	2324										
ZZZZZZ	2327										
ZZZZZZ	2330										
ZZZZZZ	2333										
CCV006	2336	105		91		94		88		97	
CCB006	2339	107		89		92		92		95	

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 Run Batch: LB133092 End Date : 10/23/2024

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	1608	100		100		100		100		100	
S02	1611	100		101		100		101		100	
S03	1615	98		99		99		99		101	
S04	1618	97		99		98		101		101	
S05	1621	97		99		97		99		102	
S06	1623	95		97		95		101		100	
S07	1626	95		97		93		100		101	
S08	1629	95		98		87		99		99	
ICV001	1654	101		101		100		100		99	
ICB001	1712	101		101		100		99		97	
ICSA001	1715	98		99		93		100		100	
ICSAB001	1718	99		99		94		100		102	
CCV001	1721	95		97		91		100		100	
CCB001	1724	97		101		100		102		103	
ZZZZZZ	1727										
ZZZZZZ	1731										
ZZZZZZ	1734										
PBS032	1737	97		99		98		98		98	
LCS032	1741	101		102		101		102		101	
LCSD032	1744	101		102		101		101		101	
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1806										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										

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 Run Batch: LB133092 End Date : 10/23/2024

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
ZZZZZZ	1846										
CCV002	1849	93		97		90		101		100	
CCB002	1852	95		99		100		101		102	
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1925										
ZZZZZZ	1928										
ZZZZZZ	1931										
ZZZZZZ	1934										
ZZZZZZ	1938										
ZZZZZZ	1941										
ZZZZZZ	1944										
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	1959										
ZZZZZZ	2002										
ZZZZZZ	2005										
ZZZZZZ	2009										
ZZZZZZ	2012										
CCV003	2029	89		92		87		97		97	
CCB003	2032	91		96		98		99		99	
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2042										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2100										
ZZZZZZ	2103										
ZZZZZZ	2107										

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 Run Batch: LB133092 End Date : 10/23/2024

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
ZZZZZZ	2110										
ZZZZZZ	2113										
MYDA19	2116	99		99		95		99		99	
MYDA20	2119	97		98		95		99		99	
MYDA21	2122	97		99		94		99		99	
MYDA22	2125	98		100		95		98		99	
MYDA23	2128	93		97		95		97		98	
ICSA002	2131	90		93		90		97		98	
ICSAB002	2135	91		94		91		99		98	
CCV004	2138	86		90		86		96		97	
CCB004	2140	87		94		96		99		100	
MYDA24	2144	99		102		97		101		101	
MYDA25	2147	97		102		96		100		99	
MYDA26	2150	98		99		95		98		98	
MYDA27	2153	100		99		93		98		98	
MYDA28	2156	95		97		94		97		98	
MYDA29	2159	98		98		93		98		98	
MYDA30	2202	97		100		96		99		100	
ZZZZZZ	2207										
CCV005	2210	86		91		86		97		97	
CCB005	2213	87		93		94		97		97	
MYDA31	2216	104		98		93		98		97	
MYDA32	2219	105		98		92		97		97	
MYDA33	2222	108		101		92		97		98	
MYDA34	2225	92		96		96		99		99	
MYDA35	2229	99		99		93		99		97	
MYDA36	2232	91		95		94		98		97	
MYDA37	2235	99		98		92		97		97	
MYDA42	2238	94		97		93		97		97	
MYDA42D	2241	94		96		93		97		97	
MYDA42L	2244	85		88		89		94		91	
MYDA42S	2247	96		101		98		100		101	
MYDA42SRE	2251	96		99		96		101		100	
ZZZZZZ	2253										
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2306										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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	2309										
ZZZZZZ	2312										
ZZZZZZ	2315										
ZZZZZZ	2318										
ZZZZZZ	2321										
ZZZZZZ	2324										
ZZZZZZ	2327										
ZZZZZZ	2330										
ZZZZZZ	2333										
CCV006	2336	83		90		86		97		98	
CCB006	2339	84		92		93		96		97	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: _____ SDG No.: MYDA19
 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

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
S0	1220	100		100		100		100		100	
S02	1224	102		100		100		101		102	
S03	1227	104		102		103		103		105	
S04	1230	106		96		97		97		104	
S05	1233	107		95		98		97		105	
S06	1236	109		96		99		97		107	
S07	1238	107		97		99		96		109	
S08	1241	101		94		95		87		104	
ICV003	1256	102		100		100		101		104	
ICB003	1259	106		104		104		105		107	
ICSA003	1303	102		97		98		94		104	
ICSAB003	1306	100		99		100		96		107	
CCV007	1312	100		99		100		93		106	
CCB007	1315	100		97		99		100		105	
ZZZZZZ	1318										
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1328										
ZZZZZZ	1331										
MYDA42	1334	98		103		103		101		105	
MYDA42D	1338	100		103		103		102		104	
MYDA42L	1341	95		101		99		104		106	
MYDA42S	1344	99		103		105		103		106	
MYDA42SRE	1347	101		103		103		103		105	
ZZZZZZ	1350										
ZZZZZZ	1353										
ZZZZZZ	1356										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1406										
CCV008	1409	104		95		97		91		105	
CCB008	1412	103		95		97		99		102	

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDA19
 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

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	1220	100		100		100		100		100	
S02	1224	100		100		100		101		100	
S03	1227	99		100		101		104		104	
S04	1230	94		97		97		103		104	
S05	1233	94		97		99		104		108	
S06	1236	94		97		97		107		106	
S07	1238	95		97		96		107		108	
S08	1241	95		97		88		102		103	
ICV003	1256	101		102		102		105		106	
ICB003	1259	103		105		105		106		107	
ICSA003	1303	97		99		94		104		105	
ICSAB003	1306	99		101		97		105		106	
CCV007	1312	98		98		93		104		106	
CCB007	1315	97		99		101		104		105	
ZZZZZZ	1318										
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1328										
ZZZZZZ	1331										
MYDA42	1334	104		103		103		103		105	
MYDA42D	1338	104		104		103		104		104	
MYDA42L	1341	102		103		103		104		104	
MYDA42S	1344	105		104		103		104		107	
MYDA42SRE	1347	104		105		103		105		105	
ZZZZZZ	1350										
ZZZZZZ	1353										
ZZZZZZ	1356										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1406										
CCV008	1409	96		95		91		101		104	
CCB008	1412	95		97		99		103		103	