

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCYX9
 Instrument ID: P8 Start Date : 12/13/2024
 Run Batch: LB133950 End Date : 12/14/2024

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	1246	100		100		100		100		100	
S02	1252	99		99		99		99		99	
S03	1256	100		100		101		99		100	
S04	1259	97		98		101		97		100	
S05	1301	100		101		103		99		103	
S06	1304	96		96		98		93		100	
S07	1307	92		96		98		90		101	
S08	1310	80		82		86		76		88	
ICV001	1358	102		103		102		101		102	
ICB001	1414	102		107		108		106		104	
ICSA001	1430	88		99		99		91		99	
ICSAB001	1438	91		103		104		95		102	
CCV001	1441	85		100		100		89		100	
CCB001	1455	97		106		107		106		103	
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1522										
ZZZZZZ	1525										
ZZZZZZ	1528										
ZZZZZZ	1532										
ZZZZZZ	1535										
ZZZZZZ	1538										
ZZZZZZ	1541										
ZZZZZZ	1544										
ZZZZZZ	1547										
ZZZZZZ	1551										
ZZZZZZ	1554										
ZZZZZZ	1557										
CCV002	1600	79		92		93		83		91	
CCB002	1603	93		103		105		103		101	
ZZZZZZ	1606										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1616										
ZZZZZZ	1619										
ZZZZZZ	1622										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P8	Start Date : 12/13/2024
Run Batch: LB133950	End Date : 12/14/2024

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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	1826										
ZZZZZZ	1830										
ZZZZZZ	1833										
CCV004	1836	82		100		100		87		97	
CCB004	1839	83		95		94		93		93	
ZZZZZZ	1842										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1930										
ZZZZZZ	1933										
ZZZZZZ	1936										
ZZZZZZ	1939										
ZZZZZZ	1942										
ZZZZZZ	1952										
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2002										
ZZZZZZ	2005										
ZZZZZZ	2008										
CCV005	2011	80		101		100		88		96	
CCB005	2014	86		102		100		99		98	
ZZZZZZ	2017										
ZZZZZZ	2020										
ZZZZZZ	2023										
ZZZZZZ	2027										
ZZZZZZ	2030										

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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	2033										
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2055										
ZZZZZZ	2059										
ZZZZZZ	2102										
ZZZZZZ	2105										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2117										
ZZZZZZ	2121										
ZZZZZZ	2124										
CCV006	2130	79		98		98		85		95	
CCB006	2133	88		105		104		101		100	
PBS603	2218	90		101		99		97		96	
LCS603	2222	92		103		101		99		97	
LCSD603	2225	93		105		103		100		100	
MYCYX9	2228	90		112		107		97		100	
MYCYY0	2231	90		102		105		97		100	
MYCYY1	2234	90		99		103		94		100	
MYCYY2	2238	90		98		101		95		102	
MYCYY3	2241	62		66		68		63		68	
MYCYY4	2244	90		99		103		95		103	
MYCYY5	2247	90		96		101		94		100	
MYCYY6	2250	90		99		103		96		103	
MYCYY7	2253	90		105		105		95		103	
MYCYY8	2256	88		100		104		97		102	
MYCYY9	2300	89		99		103		95		100	
CCV007	2303	83		90		94		83		95	
CCB007	2305	89		94		98		97		99	
MYCZ0	2309	88		93		98		91		98	
MYCZ1	2312	89		94		99		93		99	
MYCZ2	2315	87		98		100		91		98	

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 Run Batch: LB133950 End Date : 12/14/2024

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	
MYCYZ3	2318	88		96		102		94		100	
MYCYZ4	2321	88		98		105		93		100	
MYCYZ5	2324	88		98		102		94		100	
MYCYZ6	2328	88		96		102		94		99	
MYCYZ7	2331	88		96		101		92		98	
MYCYZ8	2334	88		97		104		94		99	
MYCYZ8D	2337	87		97		102		93		99	
MYCYZ8L	2340	89		94		100		95		99	
MYCYZ8S	2344	88		96		102		92		98	
MYCYZ8SRE	2347	87		96		101		92		98	
MYCYZ8	2350	86		93		97		92		96	
MYCYZ8D	2353	88		95		99		96		97	
MYCYZ8L	2356	88		96		99		96		98	
MYCYZ8S	0000	88		96		100		96		99	
MYCYZ8SRE	0003	85		92		96		92		95	
MYCYX9	0006	88		98		99		94		98	
CCV008	0009	87		97		99		88		100	
CCB008	0012	90		97		101		98		101	
MYCYY1	0015	91		99		102		96		100	
MYCYY2	0019	89		94		98		94		97	
MYCYY3	0022	85		92		95		90		93	
MYCYY4	0025	89		95		98		95		98	
MYCYY5	0028	84		91		94		89		93	
MYCYY6	0031	85		93		96		91		95	
MYCYY7	0035	85		92		95		90		94	
MYCYY8	0038	87		93		96		92		97	
MYCYY9	0041	85		92		96		91		96	
MYCYZ0	0044	84		88		92		90		93	
MYCYZ1	0048	85		90		95		90		95	
MYCYZ2	0051	83		90		94		89		95	
CCV009	0057	81		87		90		80		93	
CCB009	0100	83		89		93		91		95	
MYCYY0	0106	87		93		97		91		96	
CCV010	0109	80		87		90		81		93	
CCB010	0112	87		93		97		95		97	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCYX9
 Instrument ID: P8 Start Date : 12/13/2024
 Run Batch: LB133950 End Date : 12/14/2024

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	1246	100		100		100		100		100	
S02	1252	101		103		102		101		102	
S03	1256	101		104		101		103		103	
S04	1259	99		102		99		102		102	
S05	1301	95		99		95		99		100	
S06	1304	94		96		92		99		99	
S07	1307	94		96		90		100		100	
S08	1310	83		89		76		92		92	
ICV001	1358	103		105		102		102		102	
ICB001	1414	104		106		103		102		104	
ICSA001	1430	94		99		90		97		97	
ICSAB001	1438	101		104		95		101		103	
CCV001	1441	97		101		89		98		99	
CCB001	1455	96		99		97		97		95	
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1522										
ZZZZZZ	1525										
ZZZZZZ	1528										
ZZZZZZ	1532										
ZZZZZZ	1535										
ZZZZZZ	1538										
ZZZZZZ	1541										
ZZZZZZ	1544										
ZZZZZZ	1547										
ZZZZZZ	1551										
ZZZZZZ	1554										
ZZZZZZ	1557										
CCV002	1600	94		96		87		95		96	
CCB002	1603	91		94		94		91		91	
ZZZZZZ	1606										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1616										
ZZZZZZ	1619										
ZZZZZZ	1622										

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Lab Code:	ACE	Case No.:	51779
		MA No.:	SDG No.: MYCYX9
Instrument ID:	P8	Start Date :	12/13/2024
Run Batch:	LB133950	End Date :	12/14/2024

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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	1826										
ZZZZZZ	1830										
ZZZZZZ	1833										
CCV004	1836	89		90		82		89		89	
CCB004	1839	102		103		103		101		101	
ZZZZZZ	1842										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1930										
ZZZZZZ	1933										
ZZZZZZ	1936										
ZZZZZZ	1939										
ZZZZZZ	1942										
ZZZZZZ	1952										
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2002										
ZZZZZZ	2005										
ZZZZZZ	2008										
CCV005	2011	96		97		86		93		94	
CCB005	2014	101		103		102		100		100	
ZZZZZZ	2017										
ZZZZZZ	2020										
ZZZZZZ	2023										
ZZZZZZ	2027										
ZZZZZZ	2030										

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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	2033										
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2055										
ZZZZZZ	2059										
ZZZZZZ	2102										
ZZZZZZ	2105										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2117										
ZZZZZZ	2121										
ZZZZZZ	2124										
CCV006	2130	95		96		86		93		93	
CCB006	2133	99		101		100		97		98	
PBS603	2218	99		97		97		95		93	
LCS603	2222	101		99		98		95		95	
LCSD603	2225	101		101		100		96		97	
MYCYX9	2228	105		104		95		97		98	
MYCYY0	2231	95		98		94		95		96	
MYCYY1	2234	95		96		92		95		95	
MYCYY2	2238	90		94		91		94		95	
MYCYY3	2241	93		96		92		96		97	
MYCYY4	2244	89		93		88		92		92	
MYCYY5	2247	94		99		97		99		100	
MYCYY6	2250	91		97		93		97		97	
MYCYY7	2253	97		99		94		97		97	
MYCYY8	2256	92		97		93		96		96	
MYCYY9	2300	92		97		93		95		96	
CCV007	2303	85		90		81		92		92	
CCB007	2305	87		93		95		96		96	
MYCZ0	2309	90		97		92		95		96	
MYCZ1	2312	79		83		81		83		83	
MYCZ2	2315	90		94		90		94		95	

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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
MYCYZ3	2318	90		98		93		96		96	
MYCYZ4	2321	92		100		92		95		97	
MYCYZ5	2324	85		92		87		89		89	
MYCYZ6	2328	90		98		92		95		95	
MYCYZ7	2331	90		99		93		96		97	
MYCYZ8	2334	92		100		93		97		97	
MYCYZ8D	2337	91		99		93		96		96	
MYCYZ8L	2340	88		94		93		94		95	
MYCYZ8S	2344	84		91		86		88		89	
MYCYZ8SRE	2347	90		98		91		94		94	
MYCYZ8	2350	89		94		93		94		94	
MYCYZ8D	2353	89		95		93		94		94	
MYCYZ8L	2356	90		95		95		95		95	
MYCYZ8S	0000	91		97		95		95		96	
MYCYZ8SRE	0003	90		95		93		94		94	
MYCYX9	0006	93		97		95		96		96	
CCV008	0009	88		94		84		93		95	
CCB008	0012	89		95		96		96		96	
MYCYY1	0015	92		96		93		96		96	
MYCYY2	0019	88		93		92		93		94	
MYCYY3	0022	91		96		93		96		97	
MYCYY4	0025	92		96		94		96		96	
MYCYY5	0028	87		94		92		93		93	
MYCYY6	0031	86		91		90		92		93	
MYCYY7	0035	90		95		92		95		95	
MYCYY8	0038	86		92		90		92		93	
MYCYY9	0041	85		91		90		92		92	
MYCYZ0	0044	82		89		90		91		91	
MYCYZ1	0048	83		90		89		90		91	
MYCYZ2	0051	84		91		89		93		92	
CCV009	0057	82		88		80		90		91	
CCB009	0100	84		91		92		95		94	
MYCYY0	0106	87		92		91		94		95	
CCV010	0109	85		91		82		91		92	
CCB010	0112	91		97		98		99		100	