

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.: MYCZG9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134058 End Date : 12/20/2024

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	1303	100		100		100		100		100	
S02	1310	104		101		102		102		102	
S03	1313	106		101		101		101		103	
S04	1316	106		98		97		97		101	
S05	1319	108		94		94		93		100	
S06	1322	106		89		90		88		97	
S07	1324	101		87		89		85		96	
S08	1327	93		86		87		79		93	
ICV004	1341	110		98		99		98		102	
ICB004	1431	107		102		101		102		102	
ICSA004	1435	102		94		95		89		101	
ICSAB004	1438	98		94		97		92		104	
CCV030	1441	94		92		93		86		100	
CCB030	1447	105		98		100		101		106	
PBS687	1452	106		99		101		102		105	
LCS687	1455	106		100		102		102		105	
LCSD687	1459	104		100		102		102		105	
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1509										
ZZZZZZ	1512										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1522										
ZZZZZZ	1525										
ZZZZZZ	1528										
MYCZR8	1532	108		109		116		105		110	
MYCZR8D	1535	109		106		115		103		109	
MYCZR8L	1538	104		102		104		102		107	
MYCZR8S	1541	108		105		113		103		109	
MYCZR8SRE	1544	109		105		112		102		109	
ZZZZZZ	1547										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										

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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	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
CCV031	1618	96		89		91		84		97	
CCB031	1624	107		97		98		98		103	
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1633										
ZZZZZZ	1637										
ZZZZZZ	1640										
MYCZR8	1643	105		101		104		101		105	
MYCZR8D	1646	102		102		105		102		105	
MYCZR8L	1649	100		101		104		102		104	
MYCZR8S	1652	105		106		109		106		109	
MYCZR8SRE	1655	103		103		105		103		106	
ZZZZZZ	1658										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1743										
ZZZZZZ	1746										
ZZZZZZ	1749										
CCV032	1752	97		89		91		84		97	
CCB032	1759	107		98		99		99		102	

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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
S0	1303	100		100		100		100		100	
S02	1310	102		102		103		102		101	
S03	1313	100		102		102		104		105	
S04	1316	92		95		95		101		100	
S05	1319	88		92		92		99		99	
S06	1322	85		89		88		98		98	
S07	1324	85		88		86		98		97	
S08	1327	89		90		82		94		95	
ICV004	1341	96		98		100		102		102	
ICB004	1431	101		101		102		102		103	
ICSA004	1435	90		94		91		101		102	
ICSAB004	1438	92		96		93		103		103	
CCV030	1441	89		92		87		100		99	
CCB030	1447	95		98		102		104		104	
PBS687	1452	96		99		102		105		104	
LCS687	1455	98		102		103		106		106	
LCSD687	1459	98		100		102		104		104	
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1509										
ZZZZZZ	1512										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1522										
ZZZZZZ	1525										
ZZZZZZ	1528										
MYCZR8	1532	104		112		104		109		110	
MYCZR8D	1535	103		112		103		108		108	
MYCZR8L	1538	100		103		104		106		105	
MYCZR8S	1541	103		112		103		107		108	
MYCZR8SRE	1544	99		108		100		107		107	
ZZZZZZ	1547										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZG9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134059 End Date : 12/20/2024

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	1934	100		100		100		100		100	
S02	1940	101		101		101		101		101	
S03	1943	106		103		103		102		103	
S04	1946	110		100		101		98		102	
S05	1949	113		96		97		94		101	
S06	1952	112		92		93		90		99	
S07	1955	111		89		92		87		99	
S08	1958	104		89		88		78		94	
ICV005	2026	113		99		98		97		100	
ICB005	2030	116		103		102		102		104	
ICSA005	2034	110		94		96		90		103	
ICSAB005	2037	108		96		98		92		105	
CCV033	2040	107		95		97		88		103	
CCB033	2042	113		94		97		96		103	
ZZZZZZ	2046										
MYCZG9	2049	116		107		116		102		109	
MYCZH0	2052	114		105		112		100		107	
MYCZH1	2055	115		106		114		101		109	
MYCZH2	2058	117		107		112		101		109	
MYCZH3	2101	117		110		116		104		110	
MYCZH4	2104	116		108		116		101		109	
MYCZH5	2108	116		107		114		101		109	
MYCZH6	2111	114		106		111		101		108	
MYCZH7	2114	116		106		113		101		108	
MYCZH8	2117	116		105		112		101		108	
MYCZQ9	2120	110		111		110		99		105	
MYCZR0	2123	115		116		114		103		110	
MYCZR1	2126	117		109		111		100		107	
MYCZR2	2129	116		104		111		99		107	
MYCZR3	2132	116		104		111		98		107	
MYCZR4	2136	120		108		114		101		108	
MYCZR5	2139	116		103		111		97		106	
MYCZR6	2142	116		104		111		99		107	
MYCZR7	2145	121		108		116		101		111	
ZZZZZZ	2148										
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										

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 Lab Code: ACE Case No.: 51779 MA No.: SDG No.: MYCZG9
 Instrument ID: P7 Start Date : 12/20/2024
 Run Batch: LB134059 End Date : 12/20/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
ZZZZZZ	2201										
ZZZZZZ	2204										
CCV034	2207	108		93		94		86		99	
CCB034	2213	117		98		98		97		103	

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 Run Batch: LB134059 End Date : 12/20/2024

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	1934	100		100		100		100		100	
S02	1940	100		101		100		101		100	
S03	1943	99		99		98		101		101	
S04	1946	94		96		96		101		101	
S05	1949	89		92		91		100		101	
S06	1952	84		89		88		99		99	
S07	1955	82		87		84		97		98	
S08	1958	88		89		81		94		95	
ICV005	2026	94		95		97		99		100	
ICB005	2030	99		99		100		103		104	
ICSA005	2034	87		92		89		102		103	
ICSAB005	2037	89		94		91		104		104	
CCV033	2040	86		90		85		98		100	
CCB033	2042	89		94		96		102		103	
ZZZZZZ	2046										
MYCZG9	2049	101		110		100		107		108	
MYCZH0	2052	99		108		100		106		108	
MYCZH1	2055	100		109		100		106		107	
MYCZH2	2058	99		107		99		107		107	
MYCZH3	2101	101		110		99		106		106	
MYCZH4	2104	100		110		98		106		106	
MYCZH5	2108	100		109		99		106		108	
MYCZH6	2111	99		106		99		105		106	
MYCZH7	2114	100		108		98		105		106	
MYCZH8	2117	99		107		99		106		106	
MYCZQ9	2120	110		109		100		106		107	
MYCZR0	2123	108		107		99		105		105	
MYCZR1	2126	102		106		98		105		105	
MYCZR2	2129	98		106		97		106		105	
MYCZR3	2132	97		105		95		103		104	
MYCZR4	2136	98		107		95		104		105	
MYCZR5	2139	97		106		95		103		105	
MYCZR6	2142	98		107		97		105		106	
MYCZR7	2145	98		109		98		105		106	
ZZZZZZ	2148										
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										

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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	2201										
ZZZZZZ	2204										
CCV034	2207	89		93		87		100		101	
CCB034	2213	92		96		97		102		102	