

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28Q6
 Instrument ID: P7 Start Date : 12/23/2024
 Run Batch: LB134068 End Date : 12/23/2024

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	1059	100		100		100		100		100	
S02	1105	101		99		100		100		99	
S03	1109	103		100		101		101		101	
S04	1112	105		99		100		99		101	
S05	1114	107		94		95		94		100	
S06	1117	101		84		87		84		95	
S07	1120	101		85		88		83		97	
S08	1123	98		88		88		80		94	
ICV007	1206	106		97		97		98		99	
ICB007	1225	102		97		97		97		97	
ICSA007	1229	101		91		92		88		99	
ICSAB007	1232	101		93		97		91		103	
CCV041	1235	98		91		93		86		99	
CCB041	1243	104		95		96		96		99	
ZZZZZZ	1256										
ZZZZZZ	1259										
ZZZZZZ	1302										
ZZZZZZ	1305										
ZZZZZZ	1308										
ZZZZZZ	1311										
ZZZZZZ	1314										
ZZZZZZ	1317										
CCV042	1320	97		89		92		85		98	
CCB042	1323	107		94		96		96		102	
ZZZZZZ	1327										
ZZZZZZ	1330										
ZZZZZZ	1333										
ZZZZZZ	1336										
ZZZZZZ	1339										
ZZZZZZ	1343										
ZZZZZZ	1346										
ZZZZZZ	1349										
ZZZZZZ	1352										
CCV043	1355	100		92		95		88		101	
CCB043	1358	104		91		95		95		100	
ZZZZZZ	1401										
ZZZZZZ	1404										
ZZZZZZ	1408										

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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	1411										
ZZZZZZ	1414										
ZZZZZZ	1417										
ZZZZZZ	1420										
CCV044	1423	100		91		94		87		99	
CCB044	1426	107		94		98		97		103	
ZZZZZZ	1435										
ZZZZZZ	1439										
ZZZZZZ	1443										
ZZZZZZ	1446										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1514										
ZZZZZZ	1517										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1526										
ZZZZZZ	1529										
ZZZZZZ	1532										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1542										
ZZZZZZ	1545										
ZZZZZZ	1548										
CCV045	1559	96		91		92		86		98	
CCB045	1603	105		94		97		97		103	
ZZZZZZ	1616										
ZZZZZZ	1620										
ZZZZZZ	1623										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1633										

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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	1636										
ZZZZZZ	1640										
ZZZZZZ	1643										
CCV046	1646	96		87		90		83		97	
CCB046	1648	101		88		92		92		100	
ZZZZZZ	1729										
CCV047	1732	93		88		91		83		97	
CCB047	1734	99		88		91		92		98	
ZZZZZZ	1828										
ZZZZZZ	1836										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
CCV048	1914	94		90		93		87		101	
CCB048	1917	100		89		94		95		101	
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1929										
ZZZZZZ	1932										
ZZZZZZ	1935										
ZZZZZZ	1939										
ZZZZZZ	1942										
ZZZZZZ	1945										
ZZZZZZ	1948										
ZZZZZZ	1951										
ZZZZZZ	1954										
ZZZZZZ	1958										
ZZZZZZ	2001										
PBS758	2004	98		99		104		104		107	
LCS758	2008	98		100		103		103		106	
ZZZZZZ	2012										

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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	2015										
ME28Q6	2018	102		100		110		101		107	
ME28Q7	2021	102		100		108		98		108	
ME28Q8	2024	103		99		105		96		106	
ME28Q9	2028	109		97		105		98		107	
ME28R0	2031	107		96		104		97		105	
ME28R1	2034	109		98		106		98		107	
ME28R2	2037	105		92		102		94		105	
ME28T4	2040	106		96		106		96		107	
ME28T5	2043	107		97		107		98		108	
ME28T6	2046	105		94		102		94		105	
ME28T7	2050	106		92		102		94		105	
CCV049	2053	97		92		95		88		101	
CCB049	2056	103		92		97		98		104	
ME28T8	2059	104		98		106		98		107	
ME28T9	2102	104		96		105		97		107	
ME28W0	2105	102		94		103		95		106	
ME28W1	2108	102		92		101		94		105	
ME28W2	2111	102		92		103		94		105	
ME28W2D	2114	102		93		104		94		105	
ME28W2L	2117	98		91		97		95		104	
ME28W2S	2120	101		93		103		95		105	
ME28W3	2123	103		93		104		97		107	
ME28W4	2127	103		92		103		95		105	
ME28W5	2130	102		96		106		98		108	
ME28W6	2133	100		95		103		97		106	
ZZZZZZ	2136										
ZZZZZZ	2139										
ZZZZZZ	2142										
ZZZZZZ	2145										
ZZZZZZ	2148										
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										
ZZZZZZ	2200										
ZZZZZZ	2203										
ZZZZZZ	2206										
ZZZZZZ	2209										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P7	Start Date : 12/23/2024
Run Batch: LB134068	End Date : 12/23/2024

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	2212										
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2225										
ZZZZZZ	2228										
CCV050	2231	92		89		94		86		100	
CCB050	2234	85		77		82		82		88	
ZZZZZZ	2237										
ZZZZZZ	2240										
ZZZZZZ	2243										
ZZZZZZ	2246										
ZZZZZZ	2249										
ZZZZZZ	2252										
ZZZZZZ	2256										
ZZZZZZ	2259										
ME28T9	2303	97		93		102		97		106	
ME28W0	2307	99		93		101		97		107	
ME28W2	2311	96		90		99		94		103	
ME28W2D	2314	99		91		101		96		106	
ME28W2L	2317	96		89		95		94		101	
ME28W2S	2320	98		92		100		95		105	
ZZZZZZ	2323										
CCV051	2326	92		86		91		85		98	
CCB051	2329	100		89		94		95		102	

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 Run Batch: LB134068 End Date : 12/23/2024

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	1059	100		100		100		100		100	
S02	1105	101		100		100		102		101	
S03	1109	100		99		99		101		101	
S04	1112	97		97		97		101		102	
S05	1114	85		87		88		96		97	
S06	1117	82		86		85		96		97	
S07	1120	82		86		84		96		97	
S08	1123	88		88		80		95		96	
ICV007	1206	95		95		96		99		100	
ICB007	1225	97		97		97		98		99	
ICSA007	1229	87		90		86		98		100	
ICSAB007	1232	89		92		89		100		101	
CCV041	1235	88		89		84		96		98	
CCB041	1243	91		93		95		100		100	
ZZZZZZ	1256										
ZZZZZZ	1259										
ZZZZZZ	1302										
ZZZZZZ	1305										
ZZZZZZ	1308										
ZZZZZZ	1311										
ZZZZZZ	1314										
ZZZZZZ	1317										
CCV042	1320	87		90		84		97		99	
CCB042	1323	89		93		95		100		101	
ZZZZZZ	1327										
ZZZZZZ	1330										
ZZZZZZ	1333										
ZZZZZZ	1336										
ZZZZZZ	1339										
ZZZZZZ	1343										
ZZZZZZ	1346										
ZZZZZZ	1349										
ZZZZZZ	1352										
CCV043	1355	87		89		84		97		99	
CCB043	1358	89		92		95		100		100	
ZZZZZZ	1401										
ZZZZZZ	1404										
ZZZZZZ	1408										

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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	1411										
ZZZZZZ	1414										
ZZZZZZ	1417										
ZZZZZZ	1420										
CCV044	1423	85		88		83		96		98	
CCB044	1426	89		93		96		100		101	
ZZZZZZ	1435										
ZZZZZZ	1439										
ZZZZZZ	1443										
ZZZZZZ	1446										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1514										
ZZZZZZ	1517										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1526										
ZZZZZZ	1529										
ZZZZZZ	1532										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1542										
ZZZZZZ	1545										
ZZZZZZ	1548										
CCV045	1559	81		86		81		95		96	
CCB045	1603	86		90		93		98		99	
ZZZZZZ	1616										
ZZZZZZ	1620										
ZZZZZZ	1623										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1633										

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1636										
ZZZZZZ	1640										
ZZZZZZ	1643										
CCV046	1646	79		83		80		93		94	
CCB046	1648	82		88		91		97		99	
ZZZZZZ	1729										
CCV047	1732	80		84		80		94		96	
CCB047	1734	82		88		91		97		99	
ZZZZZZ	1828										
ZZZZZZ	1836										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
CCV048	1914	81		85		82		96		99	
CCB048	1917	84		90		93		100		102	
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1929										
ZZZZZZ	1932										
ZZZZZZ	1935										
ZZZZZZ	1939										
ZZZZZZ	1942										
ZZZZZZ	1945										
ZZZZZZ	1948										
ZZZZZZ	1951										
ZZZZZZ	1954										
ZZZZZZ	1958										
ZZZZZZ	2001										
PBS758	2004	92		97		99		102		103	
LCS758	2008	94		97		100		103		104	
ZZZZZZ	2012										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51847
		MA No.:	SDG No.: ME28Q6
Instrument ID:	P7	Start Date :	12/23/2024
Run Batch:	LB134068	End Date :	12/23/2024

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	2212										
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2225										
ZZZZZZ	2228										
CCV050	2231	79		85		83		96		99	
CCB050	2234	81		88		93		99		102	
ZZZZZZ	2237										
ZZZZZZ	2240										
ZZZZZZ	2243										
ZZZZZZ	2246										
ZZZZZZ	2249										
ZZZZZZ	2252										
ZZZZZZ	2256										
ZZZZZZ	2259										
ME28T9	2303	81		90		90		99		101	
ME28W0	2307	81		90		91		99		101	
ME28W2	2311	81		90		90		99		101	
ME28W2D	2314	82		91		91		100		102	
ME28W2L	2317	82		89		92		99		101	
ME28W2S	2320	82		90		91		100		102	
ZZZZZZ	2323										
CCV051	2326	77		84		81		95		97	
CCB051	2329	82		88		92		99		101	