

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNKD0
 Instrument ID: P7 Start Date : 12/21/2024
 Run Batch: LB134060 End Date : 12/21/2024

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	1614	102		101		100		101		101	
S03	1618	104		99		99		99		100	
S04	1621	109		96		97		96		100	
S05	1624	111		93		93		92		99	
S06	1626	111		88		90		88		99	
S07	1629	111		87		89		85		99	
S08	1632	102		86		86		78		94	
ICV006	1701	113		96		95		96		100	
ICB006	1708	112		96		96		96		100	
ICSA006	1711	109		90		91		87		100	
ICSAB006	1720	106		91		95		89		103	
CCV037	1723	101		91		93		86		100	
CCB037	1729	109		94		97		97		103	
PBS675	1732	108		96		97		97		102	
LCS675	1736	106		97		97		97		103	
ZZZZZZ	1739										
ZZZZZZ	1742										
ZZZZZZ	1746										
ZZZZZZ	1749										
MJNKD0	1753	105		104		108		102		109	
MJNKD0D	1756	101		104		110		104		111	
MJNKD0L	1759	98		101		103		102		107	
MJNKD0S	1802	100		102		109		103		110	
ZZZZZZ	1805										
ZZZZZZ	1808										
ZZZZZZ	1811										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1827										
ZZZZZZ	1830										
CCV038	1833	91		90		95		89		103	
CCB038	1839	100		93		98		97		105	
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										

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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	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1927										
MJNKD1	1930	92		99		109		104		112	
MJNKE0	1933	92		97		106		101		110	
MJNKE1	1936	91		97		106		99		110	
MJNKE2	1939	88		99		107		104		111	
MJNKF0	1942	94		101		110		105		114	
MJNKF1	1945	92		97		105		101		109	
MJNKG1	1948	92		100		107		105		113	
MJNKG2	1952	88		99		107		104		112	
MJNLH6	1955	88		100		109		104		112	
MJNLH7	1958	89		98		107		103		111	
CCV039	2001	88		89		94		88		104	
CCB039	2004	99		91		97		98		105	
MJNLH8	2007	95		95		104		99		110	
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2019										
ZZZZZZ	2022										
ZZZZZZ	2025										
ZZZZZZ	2028										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2044										
ZZZZZZ	2048										

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 Instrument ID: P7 Start Date : 12/21/2024
 Run Batch: LB134060 End Date : 12/21/2024

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	2051										
CCV040	2054	87		87		94		88		105	
CCB040	2056	94		89		94		95		105	

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 Run Batch: LB134060 End Date : 12/21/2024

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	1614	100		100		100		101		101	
S03	1618	99		98		98		100		101	
S04	1621	93		94		94		99		100	
S05	1624	88		91		91		99		99	
S06	1626	85		89		87		97		98	
S07	1629	85		88		86		98		99	
S08	1632	86		87		79		93		94	
ICV006	1701	95		95		96		99		100	
ICB006	1708	96		97		98		101		101	
ICSA006	1711	88		91		88		100		101	
ICSAB006	1720	89		93		91		101		102	
CCV037	1723	89		91		86		98		100	
CCB037	1729	92		95		98		101		102	
PBS675	1732	93		96		98		101		102	
LCS675	1736	95		96		98		102		103	
ZZZZZZ	1739										
ZZZZZZ	1742										
ZZZZZZ	1746										
ZZZZZZ	1749										
MJNKD0	1753	104		107		105		107		108	
MJNKD0D	1756	104		108		105		107		109	
MJNKD0L	1759	100		102		103		104		106	
MJNKD0S	1802	103		106		104		106		108	
ZZZZZZ	1805										
ZZZZZZ	1808										
ZZZZZZ	1811										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1827										
ZZZZZZ	1830										
CCV038	1833	89		91		89		100		102	
CCB038	1839	91		96		98		102		104	
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										

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 Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNKD0
 Instrument ID: P7 Start Date : 12/21/2024
 Run Batch: LB134060 End Date : 12/21/2024

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	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1927										
MJNKD1	1930	97		103		103		107		108	
MJNKE0	1933	96		101		100		105		106	
MJNKE1	1936	95		101		101		105		106	
MJNKE2	1939	98		103		103		105		107	
MJNKF0	1942	96		102		100		105		107	
MJNKF1	1945	95		102		101		105		107	
MJNKG1	1948	97		103		104		105		108	
MJNKG2	1952	98		103		105		106		107	
MJNLH6	1955	99		105		104		106		107	
MJNLH7	1958	97		103		102		105		107	
CCV039	2001	86		89		87		99		101	
CCB039	2004	89		95		100		103		104	
MJNLH8	2007	93		101		100		104		107	
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2019										
ZZZZZZ	2022										
ZZZZZZ	2025										
ZZZZZZ	2028										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2044										
ZZZZZZ	2048										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNKD0
 Instrument ID: P7 Start Date : 12/21/2024
 Run Batch: LB134060 End Date : 12/21/2024

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	2051										
CCV040	2054	84		88		86		99		101	
CCB040	2056	86		92		96		101		103	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNKD0
 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										
MJNKD0	1408	107		102		104		102		106	

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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		Element		Element		Element		Element	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
MJNKD0D	1411	106		103		105		102		106	
MJNKD0L	1414	105		100		102		101		104	
MJNKD0S	1417	105		100		103		101		104	
MJNLH6	1420	106		102		105		102		106	
CCV044	1423	100		91		94		87		99	
CCB044	1426	107		94		98		97		103	

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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										
MJNKD0	1408	99		101		99		103		104	

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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
MJNKD0D	1411	99		101		99		104		105	
MJNKD0L	1414	97		97		99		101		102	
MJNKD0S	1417	99		100		99		104		105	
MJNLH6	1420	98		101		100		103		103	
CCV044	1423	85		88		83		96		98	
CCB044	1426	89		93		96		100		101	