

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.: MJNL27
 Instrument ID: P7 Start Date : 12/26/2024
 Run Batch: LB134096 End Date : 12/26/2024

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	1342	100		100		100		100		100	
S02	1348	96		96		98		97		98	
S03	1352	101		97		100		99		101	
S04	1355	101		92		97		95		100	
S05	1358	101		88		93		91		100	
S06	1400	95		81		87		84		95	
S07	1403	96		82		90		85		99	
S08	1406	93		85		88		79		95	
ICV001	1432	105		93		98		96		102	
ICB001	1442	105		94		98		98		103	
ICSA001	1445	100		87		93		87		102	
ICSAB001	1448	98		88		96		89		103	
CCV001	1454	100		87		93		85		101	
CCB001	1500	106		92		99		98		105	
PBS755	1503	105		93		98		98		104	
LCS755	1507	105		94		99		98		105	
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1517										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1527										
MJNL27	1530	108		103		107		103		109	
MJNL72	1533	106		98		105		101		108	
MJNL72D	1536	107		101		108		105		111	
MJNL72L	1539	105		99		106		105		111	
MJNL72S	1542	106		101		109		105		112	
MJNL93	1546	106		102		111		106		115	
MJNL94	1549	105		102		110		105		112	
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										

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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	1620										
CCV002	1623	95		87		91		84		98	
CCB002	1630	103		93		98		98		102	
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										
ZZZZZZ	1642										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1704										
ZZZZZZ	1707										
ZZZZZZ	1710										
ZZZZZZ	1713										
ZZZZZZ	1716										
ZZZZZZ	1719										
ZZZZZZ	1722										
ZZZZZZ	1726										
ZZZZZZ	1729										
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1747										
CCV003	1751	93		91		97		89		103	
CCB003	1753	97		87		94		93		102	
ZZZZZZ	1758										
ZZZZZZ	1801										
ZZZZZZ	1805										
ZZZZZZ	1811										
ZZZZZZ	1814										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1823										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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	2027										
ZZZZZZ	2030										
ZZZZZZ	2034										
ZZZZZZ	2037										
ZZZZZZ	2040										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
CCV005	2052	91		79		88		81		97	
CCB005	2055	97		83		91		90		99	
MJNL72A	2058	117		106		121		108		121	
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV006	2113	87		84		92		84		99	
CCB006	2116	93		85		94		93		103	

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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	1342	100		100		100		100		100	
S02	1348	100		101		101		100		100	
S03	1352	96		97		97		99		100	
S04	1355	90		94		94		98		99	
S05	1358	85		89		89		96		97	
S06	1400	84		89		88		100		101	
S07	1403	81		86		84		97		98	
S08	1406	86		88		79		93		94	
ICV001	1432	93		95		96		100		100	
ICB001	1442	94		96		98		101		101	
ICSA001	1445	85		90		87		99		100	
ICSAB001	1448	86		92		89		101		102	
CCV001	1454	85		88		83		97		98	
CCB001	1500	92		96		98		103		103	
PBS755	1503	92		96		97		101		102	
LCS755	1507	93		97		99		101		103	
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1517										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1527										
MJNL27	1530	102		105		104		106		106	
MJNL72	1533	99		103		102		106		106	
MJNL72D	1536	100		105		104		108		108	
MJNL72L	1539	97		101		102		105		105	
MJNL72S	1542	99		103		105		108		108	
MJNL93	1546	100		105		104		108		108	
MJNL94	1549	100		104		104		107		108	
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										

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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	1620										
CCV002	1623	87		89		84		95		96	
CCB002	1630	91		95		97		99		100	
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										
ZZZZZZ	1642										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1704										
ZZZZZZ	1707										
ZZZZZZ	1710										
ZZZZZZ	1713										
ZZZZZZ	1716										
ZZZZZZ	1719										
ZZZZZZ	1722										
ZZZZZZ	1726										
ZZZZZZ	1729										
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1747										
CCV003	1751	85		89		85		96		97	
CCB003	1753	87		92		94		98		99	
ZZZZZZ	1758										
ZZZZZZ	1801										
ZZZZZZ	1805										
ZZZZZZ	1811										
ZZZZZZ	1814										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1823										

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 Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNL27
 Instrument ID: P7 Start Date : 12/26/2024
 Run Batch: LB134096 End Date : 12/26/2024

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	2027										
ZZZZZZ	2030										
ZZZZZZ	2034										
ZZZZZZ	2037										
ZZZZZZ	2040										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
CCV005	2052	79		84		81		93		94	
CCB005	2055	82		89		91		97		98	
MJNL72A	2058	104		115		108		112		113	
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV006	2113	81		86		83		94		96	
CCB006	2116	85		92		95		99		100	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNL27
 Instrument ID: P7 Start Date : 12/27/2024
 Run Batch: LB134112 End Date : 12/27/2024

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	1436	100		100		100		100		100	
S01	1446	101		101		102		102		101	
S02	1449	103		104		104		103		102	
S03	1452	104		102		102		102		103	
S04	1455	102		96		99		97		102	
S05	1458	103		93		97		94		102	
S06	1501	99		88		93		90		99	
S07	1504	98		86		92		86		99	
S08	1507	95		87		90		81		96	
ICV002	1530	103		95		97		96		100	
ICB002	1538	104		96		98		97		99	
ICSA002	1542	98		88		94		87		99	
ICSAB002	1545	98		93		98		92		104	
CCV011	1548	96		90		95		87		101	
CCB011	1551	99		88		93		91		97	
ZZZZZZ	1557										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1610										
ZZZZZZ	1613										
ZZZZZZ	1616										
ZZZZZZ	1619										
CCV012	1623	95		92		96		88		102	
CCB012	1625	104		95		100		99		106	
ZZZZZZ	1629										
ZZZZZZ	1632										
MJNL72A	1635	107		101		107		103		108	
ZZZZZZ	1641										
ZZZZZZ	1644										
ZZZZZZ	1647										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										

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 Lab Code: ACE Case No.: 51821 MA No.: SDG No.: MJNL27
 Instrument ID: P7 Start Date : 12/27/2024
 Run Batch: LB134112 End Date : 12/27/2024

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	1712										
ZZZZZZ	1716										
ZZZZZZ	1720										
ZZZZZZ	1723										
ZZZZZZ	1726										
ZZZZZZ	1729										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1742										
ZZZZZZ	1745										
ZZZZZZ	1749										
PBW859	1752	101		100		102		102		103	
LCS859	1755	103		102		105		105		106	
CCV013	1801	97		89		93		86		101	
CCB013	1811	104		95		100		99		105	
ZZZZZZ	1814										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1856										
ZZZZZZ	1859										
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1915										
ZZZZZZ	1918										
CCV014	1921	96		91		95		88		102	

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 Run Batch: LB134112 End Date : 12/27/2024

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	
CCB014	1924	99		90		97		97		104	
ZZZZZZ	1927										
ZZZZZZ	1931										
ZZZZZZ	1934										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1944										
ZZZZZZ	1947										
ZZZZZZ	1950										
MJNLC3	1954	96		96		103		103		108	
ZZZZZZ	1957										
ZZZZZZ	2000										
ZZZZZZ	2004										
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2017										
ZZZZZZ	2020										
ZZZZZZ	2023										
ZZZZZZ	2026										
ZZZZZZ	2029										
ZZZZZZ	2032										
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2042										
ZZZZZZ	2045										
ZZZZZZ	2049										
ZZZZZZ	2052										
CCV015	2055	93		88		94		87		102	
CCB015	2106	99		93		100		99		105	

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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	1436	100		100		100		100		100	
S01	1446	103		103		103		102		101	
S02	1449	102		102		103		102		101	
S03	1452	98		99		99		100		100	
S04	1455	92		94		95		99		99	
S05	1458	86		90		90		98		98	
S06	1501	82		87		87		97		97	
S07	1504	82		87		85		97		97	
S08	1507	87		88		80		93		94	
ICV002	1530	89		92		94		97		97	
ICB002	1538	96		96		98		99		98	
ICSA002	1542	87		92		89		100		100	
ICSAB002	1545	90		93		91		101		101	
CCV011	1548	88		91		86		98		98	
CCB011	1551	93		96		99		103		102	
ZZZZZZ	1557										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1610										
ZZZZZZ	1613										
ZZZZZZ	1616										
ZZZZZZ	1619										
CCV012	1623	88		91		86		98		98	
CCB012	1625	92		96		98		102		102	
ZZZZZZ	1629										
ZZZZZZ	1632										
MJNL72A	1635	100		103		103		104		105	
ZZZZZZ	1641										
ZZZZZZ	1644										
ZZZZZZ	1647										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										

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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	1712										
ZZZZZZ	1716										
ZZZZZZ	1720										
ZZZZZZ	1723										
ZZZZZZ	1726										
ZZZZZZ	1729										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1742										
ZZZZZZ	1745										
ZZZZZZ	1749										
PBW859	1752	99		100		102		102		102	
LCS859	1755	100		101		102		102		102	
CCV013	1801	85		89		85		98		99	
CCB013	1811	92		96		99		102		102	
ZZZZZZ	1814										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1856										
ZZZZZZ	1859										
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1915										
ZZZZZZ	1918										
CCV014	1921	84		88		84		97		97	

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 Run Batch: LB134112 End Date : 12/27/2024

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
CCB014	1924	87		93		96		101		100	
ZZZZZZ	1927										
ZZZZZZ	1931										
ZZZZZZ	1934										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1944										
ZZZZZZ	1947										
ZZZZZZ	1950										
MJNLC3	1954	91		98		102		105		105	
ZZZZZZ	1957										
ZZZZZZ	2000										
ZZZZZZ	2004										
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2017										
ZZZZZZ	2020										
ZZZZZZ	2023										
ZZZZZZ	2026										
ZZZZZZ	2029										
ZZZZZZ	2032										
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2042										
ZZZZZZ	2045										
ZZZZZZ	2049										
ZZZZZZ	2052										
CCV015	2055	82		87		85		97		98	
CCB015	2106	89		94		98		101		101	