

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
 Instrument ID: P7 Start Date : 02/02/2025
 Run Batch: LB134522 End Date : 02/02/2025

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	1425	100		100		100		100		100	
S02	1428	99		99		100		100		100	
S03	1432	101		100		100		100		101	
S04	1435	107		97		98		98		102	
S05	1438	108		89		93		92		101	
S06	1440	109		85		91		88		100	
S07	1443	108		85		91		86		102	
S08	1446	102		86		89		80		95	
ICV002	1451	113		96		98		98		102	
ICB002	1455	112		96		98		98		101	
ICSA002	1501	110		89		93		88		100	
ICSAB002	1504	108		90		96		90		102	
CCV011	1507	107		92		96		89		104	
CCB011	1514	112		93		98		98		104	
PBS384	1517	111		95		99		99		105	
LCS384	1520	113		96		100		100		105	
ZZZZZZ	1524										
ZZZZZZ	1527										
A6305	1530	123		100		106		102		109	
A6305D	1533	120		99		106		102		109	
A6305L	1536	110		95		100		99		104	
A6305S	1539	117		98		104		99		107	
ZZZZZZ	1542										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										
A6306	1555	113		96		103		101		107	
A6307	1558	115		98		115		103		111	
A6308	1602	110		88		96		96		105	
A6309	1605	110		83		93		92		101	
A6320	1608	111		88		97		95		103	
A6321	1611	111		86		95		92		101	
A6322	1614	111		87		99		93		104	
A6323	1617	110		89		98		95		103	
A6324	1620	111		89		102		95		104	
CCV012	1624	102		86		92		85		102	
CCB012	1629	106		87		94		94		102	
ZZZZZZ	1632										

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
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 Run Batch: LB134522 End Date : 02/02/2025

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	1635										
ZZZZZZ	1638										
ZZZZZZ	1642										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
A6301	1657	111		96		104		100		107	
A6302	1701	110		93		105		98		107	
A6303	1704	114		97		106		104		112	
A6304	1707	115		104		112		110		115	
ZZZZZZ	1710										
ZZZZZZ	1713										
ZZZZZZ	1716										
ZZZZZZ	1720										
ZZZZZZ	1723										
A6305	1726	108		93		100		98		105	
A6305D	1729	107		93		101		99		105	
A6305L	1732	106		94		101		100		105	
A6305S	1735	107		93		101		99		104	
A6306	1738	104		94		101		100		106	
A6308	1742	101		92		98		99		103	
A6321	1745	101		91		97		97		101	
A6322	1748	102		93		100		98		103	
A6323	1751	102		94		100		100		104	
CCV013	1754	102		86		93		85		103	
CCB013	1757	106		86		93		94		104	
A6302	1800	110		90		100		97		106	
A6302	1804	108		90		98		97		104	
A6305A	1807	113		93		101		98		106	
ZZZZZZ	1810										
CCV014	1813	104		84		91		85		102	
CCB014	1816	107		86		93		93		102	

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
 Instrument ID: P7 Start Date : 02/02/2025
 Run Batch: LB134522 End Date : 02/02/2025

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		45Sc		89Y		103Rh		159Tb		165Ho	
S0	1425	100		100		100		100		100	
S02	1428	101		101		101		100		101	
S03	1432	99		100		99		101		102	
S04	1435	97		97		96		101		102	
S05	1438	90		93		92		100		101	
S06	1440	89		92		91		101		102	
S07	1443	90		93		89		102		102	
S08	1446	92		92		84		97		98	
ICV002	1451	99		99		100		103		103	
ICB002	1455	99		99		100		102		101	
ICSA002	1501	93		96		91		101		102	
ICSAB002	1504	94		97		93		104		104	
CCV011	1507	93		95		88		101		102	
CCB011	1514	97		99		100		103		104	
PBS384	1517	98		100		101		103		103	
LCS384	1520	99		101		102		103		104	
ZZZZZZ	1524										
ZZZZZZ	1527										
A6305	1530	103		108		105		108		109	
A6305D	1533	102		107		104		107		107	
A6305L	1536	99		102		102		104		104	
A6305S	1539	100		105		102		106		106	
ZZZZZZ	1542										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										
A6306	1555	99		103		104		106		106	
A6307	1558	101		113		103		108		107	
A6308	1602	87		93		96		101		102	
A6309	1605	90		95		97		100		100	
A6320	1608	93		98		99		102		102	
A6321	1611	91		97		97		102		101	
A6322	1614	90		100		96		102		102	
A6323	1617	91		97		97		101		100	
A6324	1620	92		103		97		102		101	
CCV012	1624	87		90		86		98		98	
CCB012	1629	91		96		98		103		102	
ZZZZZZ	1632										

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
 Instrument ID: P7 Start Date : 02/02/2025
 Run Batch: LB134522 End Date : 02/02/2025

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	1635										
ZZZZZZ	1638										
ZZZZZZ	1642										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
A6301	1657	98		103		102		106		106	
A6302	1701	94		103		99		104		105	
A6303	1704	97		102		102		104		104	
A6304	1707	100		105		104		105		106	
ZZZZZZ	1710										
ZZZZZZ	1713										
ZZZZZZ	1716										
ZZZZZZ	1720										
ZZZZZZ	1723										
A6305	1726	96		101		101		105		104	
A6305D	1729	96		102		101		104		104	
A6305L	1732	95		100		101		103		103	
A6305S	1735	97		103		102		105		105	
A6306	1738	96		101		102		104		104	
A6308	1742	95		100		102		103		103	
A6321	1745	95		101		101		103		103	
A6322	1748	95		101		100		103		103	
A6323	1751	96		101		101		103		103	
CCV013	1754	90		94		89		103		104	
CCB013	1757	91		96		99		104		103	
A6302	1800	93		100		99		103		103	
A6302	1804	94		99		100		103		102	
A6305A	1807	97		104		101		106		106	
ZZZZZZ	1810										
CCV014	1813	89		94		88		103		102	
CCB014	1816	90		96		99		103		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.: 51952 MA No.: SDG No.: A6301
 Instrument ID: P8 Start Date : 02/06/2025
 Run Batch: LB134612 End Date : 02/06/2025

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	1208	100		100		100		100		100	
S02	1212	102		98		98		98		98	
S03	1215	99		98		97		96		98	
S04	1218	99		97		98		96		99	
S05	1221	97		95		97		94		99	
S06	1224	94		94		96		90		98	
S07	1227	92		93		95		88		97	
S08	1229	82		84		86		76		89	
ICV001	1245	99		98		100		99		100	
ICB001	1250	99		97		97		97		99	
ICSA001	1254	95		97		99		91		100	
ICSAB001	1257	93		96		98		90		98	
CCV001	1300	89		92		94		85		96	
CCB001	1307	102		101		102		102		102	
ZZZZZZ	1310										
ZZZZZZ	1314										
ZZZZZZ	1322										
ZZZZZZ	1326										
ZZZZZZ	1329										
ZZZZZZ	1332										
ZZZZZZ	1335										
ZZZZZZ	1339										
ZZZZZZ	1342										
ZZZZZZ	1345										
ZZZZZZ	1348										
ZZZZZZ	1352										
ZZZZZZ	1355										
ZZZZZZ	1358										
ZZZZZZ	1401										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1411										
ZZZZZZ	1414										
ZZZZZZ	1418										
ZZZZZZ	1421										
ZZZZZZ	1424										
ZZZZZZ	1428										
ZZZZZZ	1431										

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
 Instrument ID: P8 Start Date : 02/06/2025
 Run Batch: LB134612 End Date : 02/06/2025

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	1434										
CCV002	1437	97		100		101		92		103	
CCB002	1440	107		105		107		106		108	
ZZZZZZ	1444										
ZZZZZZ	1447										
ZZZZZZ	1450										
ZZZZZZ	1453										
ZZZZZZ	1457										
ZZZZZZ	1500										
ZZZZZZ	1503										
ZZZZZZ	1506										
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1524										
ZZZZZZ	1528										
ZZZZZZ	1532										
ZZZZZZ	1535										
ZZZZZZ	1538										
ZZZZZZ	1541										
ZZZZZZ	1544										
ZZZZZZ	1548										
ZZZZZZ	1551										
ZZZZZZ	1554										
ZZZZZZ	1557										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1610										
ZZZZZZ	1613										
CCV003	1617	99		101		102		92		102	
CCB003	1619	110		108		109		106		107	
ZZZZZZ	1623										
ZZZZZZ	1626										
ZZZZZZ	1629										
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
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 Run Batch: LB134612 End Date : 02/06/2025

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	1642										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
CCV004	1655	99		101		103		93		104	
CCB004	1702	111		109		110		108		109	
ZZZZZZ	1712										
ZZZZZZ	1715										
ZZZZZZ	1718										
ZZZZZZ	1721										
ZZZZZZ	1725										
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
CCV005	1739	98		103		103		92		101	
CCB005	1742	108		109		109		105		106	
ZZZZZZ	1745										
ZZZZZZ	1749										
ZZZZZZ	1753										
ZZZZZZ	1756										
ZZZZZZ	1759										
ZZZZZZ	1802										
ZZZZZZ	1806										
ZZZZZZ	1808										
ZZZZZZ	1811										
CCV006	1814	98		100		101		90		100	
CCB006	1818	105		101		103		100		99	
ZZZZZZ	1821										
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1844										
ZZZZZZ	1846										
ZZZZZZ	1849										
CCV007	1852	100		101		102		91		101	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P8	Start Date : 02/06/2025
Run Batch: LB134612	End Date : 02/06/2025

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
CCB007	1858	108		108		108		105		104	
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										
PBW570	2004	110		108		109		107		106	
LCS570	2008	111		106		107		105		106	
ZZZZZZ	2011										
A6310	2014	112		109		110		107		109	
CCV008	2022	99		99		99		89		99	
CCB008	2025	110		109		109		107		106	

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
 Instrument ID: P8 Start Date : 02/06/2025
 Run Batch: LB134612 End Date : 02/06/2025

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	1208	100		100		100		100		100	
S02	1212	100		98		98		99		99	
S03	1215	99		98		98		100		98	
S04	1218	99		98		96		100		99	
S05	1221	98		96		94		99		98	
S06	1224	92		92		90		95		95	
S07	1227	95		94		89		96		97	
S08	1229	88		90		80		91		91	
ICV001	1245	99		99		99		100		99	
ICB001	1250	98		98		100		99		98	
ICSA001	1254	96		96		91		98		98	
ICSAB001	1257	98		98		92		98		99	
CCV001	1300	96		96		87		97		97	
CCB001	1307	102		102		104		103		103	
ZZZZZZ	1310										
ZZZZZZ	1314										
ZZZZZZ	1322										
ZZZZZZ	1326										
ZZZZZZ	1329										
ZZZZZZ	1332										
ZZZZZZ	1335										
ZZZZZZ	1339										
ZZZZZZ	1342										
ZZZZZZ	1345										
ZZZZZZ	1348										
ZZZZZZ	1352										
ZZZZZZ	1355										
ZZZZZZ	1358										
ZZZZZZ	1401										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1411										
ZZZZZZ	1414										
ZZZZZZ	1418										
ZZZZZZ	1421										
ZZZZZZ	1424										
ZZZZZZ	1428										
ZZZZZZ	1431										

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
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 Run Batch: LB134612 End Date : 02/06/2025

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	1434										
CCV002	1437	98		98		91		99		100	
CCB002	1440	102		104		105		105		103	
ZZZZZZ	1444										
ZZZZZZ	1447										
ZZZZZZ	1450										
ZZZZZZ	1453										
ZZZZZZ	1457										
ZZZZZZ	1500										
ZZZZZZ	1503										
ZZZZZZ	1506										
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1524										
ZZZZZZ	1528										
ZZZZZZ	1532										
ZZZZZZ	1535										
ZZZZZZ	1538										
ZZZZZZ	1541										
ZZZZZZ	1544										
ZZZZZZ	1548										
ZZZZZZ	1551										
ZZZZZZ	1554										
ZZZZZZ	1557										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1610										
ZZZZZZ	1613										
CCV003	1617	99		98		92		98		99	
CCB003	1619	103		103		106		104		102	
ZZZZZZ	1623										
ZZZZZZ	1626										
ZZZZZZ	1629										
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										

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 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
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 Run Batch: LB134612 End Date : 02/06/2025

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	1642										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
CCV004	1655	99		98		90		100		98	
CCB004	1702	105		104		106		103		104	
ZZZZZZ	1712										
ZZZZZZ	1715										
ZZZZZZ	1718										
ZZZZZZ	1721										
ZZZZZZ	1725										
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
CCV005	1739	98		96		89		95		96	
CCB005	1742	107		106		108		106		105	
ZZZZZZ	1745										
ZZZZZZ	1749										
ZZZZZZ	1753										
ZZZZZZ	1756										
ZZZZZZ	1759										
ZZZZZZ	1802										
ZZZZZZ	1806										
ZZZZZZ	1808										
ZZZZZZ	1811										
CCV006	1814	100		98		91		98		99	
CCB006	1818	103		102		104		102		101	
ZZZZZZ	1821										
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1844										
ZZZZZZ	1846										
ZZZZZZ	1849										
CCV007	1852	96		94		87		93		93	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6301
 Instrument ID: P8 Start Date : 02/06/2025
 Run Batch: LB134612 End Date : 02/06/2025

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
CCB007	1858	104		104		104		101		101	
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										
PBW570	2004	104		102		104		102		102	
LCS570	2008	103		100		102		101		101	
ZZZZZZ	2011										
A6310	2014	102		102		104		102		101	
CCV008	2022	98		95		89		96		96	
CCB008	2025	102		101		102		99		99	