

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 01/24/2025
 Run Batch: LB134440 End Date : 01/24/2025

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	0947	100		100		100		100		100	
S02	0953	102		101		100		100		100	
S03	0957	101		100		100		98		100	
S04	1000	100		103		102		99		102	
S05	1003	99		102		102		98		102	
S06	1006	98		103		102		97		103	
S07	1009	96		103		103		95		103	
S08	1011	79		85		86		75		88	
ICV001	1023	99		95		95		94		95	
ICB001	1030	100		96		96		96		95	
ICSA001	1033	94		99		99		91		99	
ICSAB001	1036	93		101		100		92		100	
CCV001	1041	86		94		95		86		95	
CCB001	1045	101		101		101		100		99	
ZZZZZZ	1101										
ZZZZZZ	1113										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1126										
ZZZZZZ	1129										
ZZZZZZ	1135										
ZZZZZZ	1138										
CCV002	1149	86		88		87		79		88	
CCB002	1152	99		96		95		95		93	
ZZZZZZ	1159										
ZZZZZZ	1202										
ZZZZZZ	1206										
ZZZZZZ	1222										
ZZZZZZ	1226										
ZZZZZZ	1229										
ZZZZZZ	1233										
ZZZZZZ	1236										
ZZZZZZ	1242										
ZZZZZZ	1246										
CCV003	1249	85		88		89		79		89	
CCB003	1256	97		92		92		92		91	
ZZZZZZ	1259										
ZZZZZZ	1303										

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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	
CCV004	1305	87		87		88		79		88	
CCB004	1319	99		94		94		93		93	
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1329										
ZZZZZZ	1332										
ZZZZZZ	1335										
ZZZZZZ	1339										
ZZZZZZ	1342										
ZZZZZZ	1345										
ZZZZZZ	1349										
ZZZZZZ	1352										
ZZZZZZ	1355										
ZZZZZZ	1359										
ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1412										
ZZZZZZ	1415										
ZZZZZZ	1418										
ZZZZZZ	1424										
ZZZZZZ	1427										
CCV005	1431	85		88		89		79		89	
CCB005	1437	95		90		91		90		90	
ZZZZZZ	1440										
ZZZZZZ	1444										
ZZZZZZ	1447										
ZZZZZZ	1450										
ZZZZZZ	1453										
ZZZZZZ	1457										
ZZZZZZ	1503										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1542										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										

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 Run Batch: LB134440 End Date : 01/24/2025

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	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1609										
CCV006	1612	82		90		91		82		91	
CCB006	1618	92		91		92		91		91	
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1628										
ZZZZZZ	1631										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1658										
PBS195	1701	90		97		99		98		98	
LCS195	1711	90		91		93		91		92	
YE8F5	1714	91		98		100		92		96	
YE8F7	1717	90		107		113		93		98	
YE8F7D	1721	90		108		115		95		100	
YE8F7L	1724	90		96		99		94		94	
YE8F7S	1727	90		108		116		96		99	
YE8F8	1730	89		103		110		96		99	
YE8F9	1734	89		105		112		97		101	
YE8H9	1737	86		97		103		94		96	
YE8J0	1740	90		105		112		98		101	
YE8J1	1743	90		101		105		96		100	
YE8E3	1747	89		99		104		97		100	
YE8E4	1750	89		102		107		98		100	
CCV007	1758	79		83		85		76		86	
CCB007	1801	85		86		89		88		89	
YE8E5	1804	87		93		95		92		93	
YE8E6	1808	89		97		101		97		97	
YE8E7	1812	77		84		88		83		84	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955	MA No.: SDG No.: YE8F8
Instrument ID: P8	Start Date : 01/24/2025
Run Batch: LB134440	End Date : 01/24/2025

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
YE8E8	1816	89		98		103		95		98	
YE8D2	1819	88		96		101		97		99	
YE8D4	1823	89		97		101		96		98	
YE8C3	1826	88		96		103		95		98	
YE8D0	1829	87		95		99		94		97	
YE8D5	1833	87		95		99		96		98	
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
YE8F7	1853	87		89		93		88		90	
YE8F7D	1856	83		84		88		83		86	
YE8F7L	1859	85		86		88		87		88	
YE8F7S	1903	81		83		87		82		84	
ZZZZZZ	1906										
ZZZZZZ	1909										
CCV008	1919	75		79		81		73		82	
CCB008	1922	81		81		84		83		84	

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 Run Batch: LB134440 End Date : 01/24/2025

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	0947	100		100		100		100		100	
S02	0953	98		98		98		99		99	
S03	0957	99		99		99		99		99	
S04	1000	98		100		96		98		98	
S05	1003	100		99		97		99		100	
S06	1006	100		101		95		99		100	
S07	1009	100		101		92		99		99	
S08	1011	81		83		73		85		85	
ICV001	1023	95		95		96		97		97	
ICB001	1030	96		97		98		97		99	
ICSA001	1033	90		92		83		89		91	
ICSAB001	1036	99		100		92		98		98	
CCV001	1041	94		93		84		93		93	
CCB001	1045	97		100		99		98		97	
ZZZZZZ	1101										
ZZZZZZ	1113										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1126										
ZZZZZZ	1129										
ZZZZZZ	1135										
ZZZZZZ	1138										
CCV002	1149	88		87		80		89		89	
CCB002	1152	93		93		95		94		96	
ZZZZZZ	1159										
ZZZZZZ	1202										
ZZZZZZ	1206										
ZZZZZZ	1222										
ZZZZZZ	1226										
ZZZZZZ	1229										
ZZZZZZ	1233										
ZZZZZZ	1236										
ZZZZZZ	1242										
ZZZZZZ	1246										
CCV003	1249	89		89		81		92		92	
CCB003	1256	87		88		92		91		91	
ZZZZZZ	1259										
ZZZZZZ	1303										

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 Run Batch: LB134440 End Date : 01/24/2025

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
CCV004	1305	85		85		78		88		89	
CCB004	1319	89		90		94		93		94	
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1329										
ZZZZZZ	1332										
ZZZZZZ	1335										
ZZZZZZ	1339										
ZZZZZZ	1342										
ZZZZZZ	1345										
ZZZZZZ	1349										
ZZZZZZ	1352										
ZZZZZZ	1355										
ZZZZZZ	1359										
ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1412										
ZZZZZZ	1415										
ZZZZZZ	1418										
ZZZZZZ	1424										
ZZZZZZ	1427										
CCV005	1431	84		85		77		87		89	
CCB005	1437	87		89		92		92		93	
ZZZZZZ	1440										
ZZZZZZ	1444										
ZZZZZZ	1447										
ZZZZZZ	1450										
ZZZZZZ	1453										
ZZZZZZ	1457										
ZZZZZZ	1503										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1542										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										

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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	1556										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1609										
CCV006	1612	85		85		80		87		87	
CCB006	1618	86		86		91		91		91	
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1628										
ZZZZZZ	1631										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1658										
PBS195	1701	89		90		95		93		94	
LCS195	1711	86		87		91		90		92	
YE8F5	1714	94		94		91		92		93	
YE8F7	1717	103		113		94		95		96	
YE8F7D	1721	102		113		93		95		95	
YE8F7L	1724	89		91		92		92		93	
YE8F7S	1727	97		105		87		89		90	
YE8F8	1730	97		102		93		93		95	
YE8F9	1734	100		109		96		97		98	
YE8H9	1737	96		102		94		94		94	
YE8J0	1740	98		108		96		96		96	
YE8J1	1743	95		96		93		94		95	
YE8E3	1747	92		95		94		94		93	
YE8E4	1750	94		95		94		93		94	
CCV007	1758	81		82		77		86		86	
CCB007	1801	78		81		85		86		86	
YE8E5	1804	89		89		91		92		92	
YE8E6	1808	91		93		94		94		93	
YE8E7	1812	92		93		95		94		93	

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 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 01/24/2025
 Run Batch: LB134440 End Date : 01/24/2025

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
YE8E8	1816	91		95		93		93		94	
YE8D2	1819	90		91		94		94		93	
YE8D4	1823	90		92		93		94		93	
YE8C3	1826	85		89		88		89		88	
YE8D0	1829	88		90		92		93		92	
YE8D5	1833	88		89		93		92		92	
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
YE8F7	1853	81		84		85		86		87	
YE8F7D	1856	82		85		86		86		87	
YE8F7L	1859	79		82		86		87		88	
YE8F7S	1903	81		85		86		88		88	
ZZZZZZ	1906										
ZZZZZZ	1909										
CCV008	1919	73		75		70		79		81	
CCB008	1922	76		79		83		84		84	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 01/31/2025
 Run Batch: LB134543 End Date : 01/31/2025

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	1442	100		100		100		100		100	
S02	1446	98		99		98		99		100	
S03	1449	99		100		99		98		101	
S04	1453	96		97		96		94		98	
S05	1456	103		103		103		99		103	
S06	1459	103		106		105		99		104	
S07	1517	101		106		105		96		103	
S08	1520	85		90		90		77		89	
ICV002	1533	95		99		100		99		98	
ICB002	1536	94		98		99		99		97	
ICSA002	1540	94		99		98		89		96	
ICSAB002	1543	102		110		108		99		103	
CCV011	1557	87		95		94		83		93	
CCB011	1601	92		98		99		98		97	
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1626										
YE8F7A	1630	92		103		108		90		94	
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1709										
ZZZZZZ	1712										
ZZZZZZ	1715										
ZZZZZZ	1718										
ZZZZZZ	1722										
ZZZZZZ	1725										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 01/31/2025
 Run Batch: LB134543 End Date : 01/31/2025

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	1728										
ZZZZZZ	1731										
CCV012	1734	78		86		86		79		86	
CCB012	1746	78		86		89		89		90	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 01/31/2025
 Run Batch: LB134543 End Date : 01/31/2025

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	1442	100		100		100		100		100	
S02	1446	101		102		102		102		102	
S03	1449	100		101		99		100		100	
S04	1453	102		103		99		100		101	
S05	1456	104		104		98		102		102	
S06	1459	109		107		100		103		104	
S07	1517	110		107		98		104		104	
S08	1520	84		87		72		84		86	
ICV002	1533	101		103		100		100		101	
ICB002	1536	98		100		100		99		99	
ICSA002	1540	103		103		94		101		101	
ICSAB002	1543	106		105		96		101		100	
CCV011	1557	95		94		82		91		91	
CCB011	1601	97		99		98		99		97	
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1626										
YE8F7A	1630	102		109		91		94		94	
ZZZZZZ	1633										
ZZZZZZ	1636										
ZZZZZZ	1639										
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1709										
ZZZZZZ	1712										
ZZZZZZ	1715										
ZZZZZZ	1718										
ZZZZZZ	1722										
ZZZZZZ	1725										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 01/31/2025
 Run Batch: LB134543 End Date : 01/31/2025

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	1728										
ZZZZZZ	1731										
CCV012	1734	86		87		77		86		86	
CCB012	1746	85		89		90		89		89	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 02/11/2025
 Run Batch: LB134674 End Date : 02/11/2025

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	1205	100		100		100		100		100	
S02	1208	101		99		100		102		101	
S03	1211	100		101		101		101		103	
S04	1215	100		100		100		100		102	
S05	1218	99		100		99		98		102	
S06	1220	97		98		99		96		102	
S07	1223	96		98		98		93		101	
S08	1226	88		92		92		83		92	
ICV005	1329	102		103		102		101		103	
ICB005	1333	103		102		102		102		103	
ICSA005	1340	96		99		100		94		101	
ICSAB005	1344	97		101		102		94		102	
CCV021	1347	94		98		97		90		99	
CCB021	1350	106		106		106		106		103	
ZZZZZZ	1353										
ZZZZZZ	1357										
ZZZZZZ	1400										
ZZZZZZ	1403										
PBW570	1415	107		107		104		105		104	
LCS570	1418	107		107		106		106		104	
YE8H7	1422	110		109		110		109		108	
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1445										
CCV022	1450	95		101		99		92		99	
CCB022	1453	105		105		105		106		104	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51955 MA No.: SDG No.: YE8F8
 Instrument ID: P8 Start Date : 02/11/2025
 Run Batch: LB134674 End Date : 02/11/2025

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	1205	100		100		100		100		100	
S02	1208	101		102		100		99		101	
S03	1211	99		100		99		99		100	
S04	1215	100		100		98		99		101	
S05	1218	100		99		97		99		99	
S06	1220	98		97		94		98		99	
S07	1223	99		99		92		97		99	
S08	1226	95		95		82		93		94	
ICV005	1329	101		100		100		99		100	
ICB005	1333	102		101		101		100		101	
ICSA005	1340	101		101		94		98		100	
ICSAB005	1344	102		101		93		98		100	
CCV021	1347	101		100		91		97		99	
CCB021	1350	106		105		105		102		103	
ZZZZZZ	1353										
ZZZZZZ	1357										
ZZZZZZ	1400										
ZZZZZZ	1403										
PBW570	1415	107		108		105		102		104	
LCS570	1418	108		106		105		103		104	
YE8H7	1422	110		107		106		105		105	
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1445										
CCV022	1450	101		100		91		96		98	
CCB022	1453	105		105		104		100		102	