

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GX0
 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	
PBS280	1608	83		88		89		88		88	
LCS280	1611	87		93		94		93		93	
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1626										
ZZZZZZ	1630										
MH2GX0	1633	93		98		105		92		95	
MH2GX0D	1636	95		102		108		93		98	
MH2GX0L	1639	89		96		98		94		94	
MH2GX0S	1643	96		102		110		93		97	
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1709										
MH2GZ1	1712	101		107		115		99		102	
MH2GZ2	1715	100		109		115		99		103	
MH2GZ3	1718	101		112		118		101		104	
MH2GZ4	1722	99		108		116		98		102	
MH2GZ5	1725	99		108		117		99		104	

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 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		Element		Element		Element		Element	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
MH2H00	1728	99		108		116		100		103	
MH2H01	1731	96		106		119		95		99	
CCV012	1734	78		86		86		79		86	
CCB012	1746	78		86		89		89		90	

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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	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	
PBS280	1608	94		96		96		95		95	
LCS280	1611	97		99		99		97		97	
ZZZZZZ	1615										
ZZZZZZ	1618										
ZZZZZZ	1621										
ZZZZZZ	1626										
ZZZZZZ	1630										
MH2GX0	1633	101		108		94		96		95	
MH2GX0D	1636	102		109		94		96		96	
MH2GX0L	1639	94		98		93		94		94	
MH2GX0S	1643	102		109		94		96		96	
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1709										
MH2GZ1	1712	106		114		100		100		100	
MH2GZ2	1715	107		113		99		100		100	
MH2GZ3	1718	111		118		101		103		102	
MH2GZ4	1722	106		113		97		99		98	
MH2GZ5	1725	105		113		98		98		98	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GX0
 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
MH2H00	1728	106		113		100		100		100	
MH2H01	1731	103		116		94		97		95	
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.: 51822 MA No.: SDG No.: MH2GX0
 Instrument ID: P8 Start Date : 02/03/2025
 Run Batch: LB134589 End Date : 02/03/2025

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	1540	100		100		100		100		100	
S02	1544	99		99		99		100		100	
S03	1547	101		102		102		101		103	
S04	1551	100		101		101		101		103	
S05	1554	95		97		98		97		100	
S06	1557	95		98		98		95		100	
S07	1600	94		99		100		94		101	
S08	1603	79		84		85		77		87	
ICV003	1622	80		84		85		86		89	
ICB003	1626	83		87		89		91		92	
ICSA003	1629	83		89		91		86		94	
ICSAB003	1632	86		92		93		88		96	
CCV013	1639	79		85		87		81		89	
CCB013	1648	79		84		87		90		90	
MH2H02	1651	82		91		101		88		94	
MH2H03	1655	84		91		101		90		95	
MH2H08	1658	83		88		95		85		93	
MH2H09	1701	82		86		93		82		90	
MH2H10	1705	83		90		99		89		94	
MH2H11	1708	81		93		104		91		96	
MH2H12	1711	79		88		93		84		92	
MH2H13	1714	81		88		98		87		93	
MH2H14	1718	80		89		99		89		94	
MH2H15	1721	82		91		102		91		95	
MH2H16	1724	77		83		90		82		90	
MH2H27	1728	76		84		94		85		90	
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1748										
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1758										
ZZZZZZ	1801										
ZZZZZZ	1804										
ZZZZZZ	1808										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P8	Start Date : 02/03/2025
Run Batch: LB134589	End Date : 02/03/2025

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	1811										
ZZZZZZ	1814										
CCV014	1817	61		75		79		75		85	
CCB014	1821	61		74		79		81		85	
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1833										
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1850										
ZZZZZZ	1853										
CCV015	1856	61		76		81		77		86	
CCB015	1859	63		76		82		84		86	
MH2H00	1958	60		72		81		77		82	
MH2H01	2001	59	*	72		82		74		81	
CCV016	2028	50	*	61		65		62		72	
CCB016	2032	55	*	67		73		76		78	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GX0
 Instrument ID: P8 Start Date : 02/03/2025
 Run Batch: LB134589 End Date : 02/03/2025

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	1540	100		100		100		100		100	
S02	1544	99		100		101		102		102	
S03	1547	90		91		91		92		92	
S04	1551	97		98		97		98		99	
S05	1554	98		99		97		100		100	
S06	1557	94		96		93		96		97	
S07	1600	98		98		92		97		98	
S08	1603	79		82		72		83		83	
ICV003	1622	87		90		91		92		93	
ICB003	1626	86		89		90		91		92	
ICSA003	1629	91		93		88		94		95	
ICSAB003	1632	91		94		88		94		94	
CCV013	1639	83		85		79		87		88	
CCB013	1648	83		87		89		89		90	
MH2H02	1651	90		102		88		93		93	
MH2H03	1655	91		100		89		93		93	
MH2H08	1658	86		93		83		89		90	
MH2H09	1701	87		94		83		89		90	
MH2H10	1705	91		101		90		93		94	
MH2H11	1708	91		104		92		94		95	
MH2H12	1711	86		91		82		88		89	
MH2H13	1714	89		97		87		91		91	
MH2H14	1718	89		100		89		91		93	
MH2H15	1721	89		100		90		93		93	
MH2H16	1724	83		88		81		87		88	
MH2H27	1728	83		93		85		87		87	
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1748										
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1758										
ZZZZZZ	1801										
ZZZZZZ	1804										
ZZZZZZ	1808										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GX0
 Instrument ID: P8 Start Date : 02/03/2025
 Run Batch: LB134589 End Date : 02/03/2025

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	1811										
ZZZZZZ	1814										
CCV014	1817	72		76		72		80		81	
CCB014	1821	72		78		80		81		82	
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1833										
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1850										
ZZZZZZ	1853										
CCV015	1856	74		78		74		82		83	
CCB015	1859	75		80		84		84		85	
MH2H00	1958	73		81		79		82		83	
MH2H01	2001	70		79		73		76		77	
CCV016	2028	62		67		63		72		73	
CCB016	2032	68		75		77		79		79	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51822
		MA No.:	SDG No.: MH2GX0
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	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GX0
 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										
MH2GX0A	1314	102		111		97		102		101	
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										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
ZZZZZZ	1434										
CCV002	1437	98		98		91		99		100	
CCB002	1440	102		104		105		105		103	