

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28W7
 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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
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	
ZZZZZZ	1503										
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1513										
PBS819	1517	105		95		100		99		104	
LCS819	1520	105		96		100		100		105	
ZZZZZZ	1523										
ZZZZZZ	1527										
ZZZZZZ	1530										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1542										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28W7
 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 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										
ME28X0	1657	102		87		99		91		103	
ME28X0D	1700	103		88		99		91		103	
ME28X0L	1704	97		87		95		93		100	
ME28X0S	1707	102		89		100		93		103	
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										
ME28W7	1811	103		98		106		100		107	
ME28W8	1814	101		94		104		96		105	
ME28W9	1817	101		92		103		96		105	
ME28X1	1820	101		92		101		95		105	
ME28X2	1823	100		90		101		94		104	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

[illegible]

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Instrument ID: <u>P7</u>	Start Date : <u>12/26/2024</u>
Run Batch: <u>LB134096</u>	End Date : <u>12/26/2024</u>

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	
ZZZZZZ	2058										
ZZZZZZ	2101										
ME28X0A	2104	119		97		124		96		116	
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV006	2113	87		84		92		84		99	
CCB006	2116	93		85		94		93		103	

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28W7
 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
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	
ZZZZZZ	1503										
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1513										
PBS819	1517	95		98		99		101		101	
LCS819	1520	97		100		100		103		103	
ZZZZZZ	1523										
ZZZZZZ	1527										
ZZZZZZ	1530										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1542										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28W7
 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	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										
ME28X0	1657	86		94		91		98		98	
ME28X0D	1700	86		94		91		98		98	
ME28X0L	1704	85		91		92		97		97	
ME28X0S	1707	87		96		93		98		99	
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										
ME28W7	1811	95		102		98		102		103	
ME28W8	1814	92		99		95		101		101	
ME28W9	1817	90		99		96		101		101	
ME28X1	1820	90		98		95		100		102	
ME28X2	1823	91		98		96		100		101	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

[illegible]

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847	MA No.: SDG No.: ME28W7
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 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 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	
ZZZZZZ	2058										
ZZZZZZ	2101										
ME28X0A	2104	91		113		94		105		107	
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV006	2113	81		86		83		94		96	
CCB006	2116	85		92		95		99		100	

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28W7
 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										
ZZZZZZ	1635										
ZZZZZZ	1641										
ME28X0A	1644	108		104		111		103		110	
ZZZZZZ	1647										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

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										
ZZZZZZ	1752										
ZZZZZZ	1755										
CCV013	1801	97		89		93		86		101	
CCB013	1811	104		95		100		99		105	

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51847 MA No.: SDG No.: ME28W7
 Instrument ID: P7 Start Date : 12/27/2024
 Run Batch: LB134112 End Date : 12/27/2024

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	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										
ZZZZZZ	1635										
ZZZZZZ	1641										
ME28X0A	1644	98		104		101		105		105	
ZZZZZZ	1647										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Instrument ID: P7	Start Date : 12/27/2024
Run Batch: LB134112	End Date : 12/27/2024

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	1712										
ZZZZZZ	1716										
ZZZZZZ	1720										
ZZZZZZ	1723										
ZZZZZZ	1726										
ZZZZZZ	1729										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1742										
ZZZZZZ	1745										
ZZZZZZ	1749										
ZZZZZZ	1752										
ZZZZZZ	1755										
CCV013	1801	85		89		85		98		99	
CCB013	1811	92		96		99		102		102	