

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/06/2025
 Run Batch: LB134172 End Date : 01/06/2025

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	1315	100		100		100		100		100	
S02	1319	102		100		100		99		100	
S03	1325	106		100		99		98		101	
S04	1328	109		96		97		96		101	
S05	1331	111		92		95		92		101	
S06	1334	111		88		91		88		100	
S07	1336	110		87		91		86		98	
S08	1339	114		91		89		79		91	
ICV001	1405	116		98		100		99		104	
ICB001	1424	112		99		99		98		102	
ICSA001	1427	113		92		96		89		103	
ICSAB001	1431	111		93		97		91		106	
CCV001	1434	109		90		94		86		101	
CCB001	1441	113		95		98		97		104	
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1503										
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1519										
CCV002	1535	109		90		92		84		100	
CCB002	1538	118		93		97		96		105	
PBS924	1541	116		95		98		98		106	
LCS924	1544	116		97		100		98		106	
MH2D26	1548	118		104		108		103		110	
MH2D29	1551	108		108		111		107		112	
MH2D32	1554	112		110		114		109		112	
MH2D35	1557	109		108		114		108		111	
MH2D38	1600	115		103		108		102		111	
MH2D41	1603	112		106		112		107		114	
MH2D44	1606	101		108		113		111		114	
MH2D47	1609	103		108		113		110		114	
MH2D50	1612	104		109		114		110		115	
MH2D53	1615	106		110		118		111		115	
MH2D56	1618	95		108		115		112		116	
MH2D59	1621	101		110		118		113		116	

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 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/06/2025
 Run Batch: LB134172 End Date : 01/06/2025

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	
MH2D62	1624	100		109		115		112		115	
MH2D65	1627	97		109		117		111		114	
MH2D68	1631	97		110		122		111		115	
MH2D71	1634	97		108		114		110		114	
MH2D74	1637	94		106		112		108		112	
MH2D74D	1640	95		108		114		110		114	
MH2D74S	1643	95		108		113		110		114	
MH2D74L	1646	93		104		110		109		110	
CCV003	1649	102		92		97		89		106	
CCB003	1652	111		92		99		98		108	
MH2D26	1748	101		106		109		106		109	
MH2D29	1751	97		106		108		107		111	
MH2D35	1754	96		107		112		109		110	
MH2D38	1758	104		104		109		105		112	
MH2D41	1801	105		105		110		107		113	
MH2D44	1804	94		106		111		110		112	
MH2D47	1807	92		109		114		112		114	
MH2D50	1810	92		109		115		112		115	
MH2D53	1813	94		107		113		109		114	
MH2D56	1816	92		108		113		111		114	
MH2D32	1819	95		108		113		111		114	
MH2D35	1823	94		107		112		110		112	
MH2D38	1826	99		106		109		106		112	
CCV004	1829	106		94		98		91		108	
CCB004	1832	110		91		98		97		107	
MH2D26	1835	109		95		103		99		110	
MH2D29	1838	104		103		107		106		112	
MH2D44	1841	97		107		111		110		113	
MH2D47	1844	95		107		111		110		112	
MH2D50	1847	97		107		111		110		112	
MH2D56	1851	96		107		112		110		113	
MH2D65	1854	99		107		112		110		114	
MH2D68	1857	100		107		111		108		113	
MH2D35	1900	101		106		111		108		112	
MH2D29	1903	100		106		109		107		112	
MH2D44	1909	96		103		106		105		108	
MH2D47	1912	96		105		108		107		110	
MH2D50	1915	96		107		110		109		111	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li		Element 45Sc		Element 89Y		Element 103Rh		Element 159Tb	
MH2D56	1919	97		107		110		109		111	
CCV005	1922	104		93		99		91		107	
CCB005	1925	111		90		97		96		107	

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 Instrument ID: P7 Start Date : 01/06/2025
 Run Batch: LB134172 End Date : 01/06/2025

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	1315	100		100		100		100		100	
S02	1319	100		99		100		101		100	
S03	1325	95		97		97		100		100	
S04	1328	90		93		92		99		99	
S05	1331	85		89		89		98		99	
S06	1334	81		86		86		97		98	
S07	1336	81		85		84		98		98	
S08	1339	86		86		79		93		94	
ICV001	1405	92		95		96		101		100	
ICB001	1424	96		98		99		101		101	
ICSA001	1427	85		90		88		102		102	
ICSAB001	1431	85		90		89		101		102	
CCV001	1434	85		88		84		99		99	
CCB001	1441	89		92		96		101		102	
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1503										
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1519										
CCV002	1535	83		87		83		98		99	
CCB002	1538	87		92		95		102		102	
PBS924	1541	88		93		96		102		102	
LCS924	1544	90		94		96		102		104	
MH2D26	1548	100		105		103		107		107	
MH2D29	1551	110		111		109		109		108	
MH2D32	1554	109		111		109		110		111	
MH2D35	1557	111		114		111		110		111	
MH2D38	1600	95		101		99		106		107	
MH2D41	1603	107		110		110		110		110	
MH2D44	1606	110		110		111		109		110	
MH2D47	1609	110		111		111		110		111	
MH2D50	1612	110		113		111		109		109	
MH2D53	1615	109		113		111		110		111	
MH2D56	1618	113		113		113		110		111	
MH2D59	1621	110		115		112		111		111	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/06/2025
 Run Batch: LB134172 End Date : 01/06/2025

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
MH2D62	1624	110		112		113		110		111	
MH2D65	1627	111		115		112		112		112	
MH2D68	1631	112		119		112		111		112	
MH2D71	1634	109		112		110		110		110	
MH2D74	1637	109		112		111		110		110	
MH2D74D	1640	106		109		109		106		108	
MH2D74S	1643	107		111		111		110		110	
MH2D74L	1646	104		108		109		108		108	
CCV003	1649	82		88		85		100		101	
CCB003	1652	84		92		96		103		104	
MH2D26	1748	102		106		106		108		109	
MH2D29	1751	106		109		109		108		109	
MH2D35	1754	107		110		109		109		109	
MH2D38	1758	97		102		103		107		108	
MH2D41	1801	104		108		109		110		111	
MH2D44	1804	110		111		112		110		111	
MH2D47	1807	111		113		113		111		112	
MH2D50	1810	111		113		112		111		111	
MH2D53	1813	108		111		111		110		111	
MH2D56	1816	111		112		113		110		112	
MH2D32	1819	109		112		111		110		110	
MH2D35	1823	108		111		111		110		111	
MH2D38	1826	101		105		106		109		109	
CCV004	1829	83		89		87		101		102	
CCB004	1832	83		92		95		103		104	
MH2D26	1835	90		97		100		106		108	
MH2D29	1838	103		107		108		110		110	
MH2D44	1841	108		110		112		111		111	
MH2D47	1844	108		111		111		111		111	
MH2D50	1847	106		108		109		109		108	
MH2D56	1851	109		111		112		110		111	
MH2D65	1854	107		110		111		110		111	
MH2D68	1857	106		110		110		110		112	
MH2D35	1900	105		109		110		110		111	
MH2D29	1903	105		108		110		110		110	
MH2D44	1909	106		109		110		109		109	
MH2D47	1912	108		110		111		111		110	
MH2D50	1915	107		110		111		110		111	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/06/2025
 Run Batch: LB134172 End Date : 01/06/2025

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
MH2D56	1919	107		109		110		110		110	
CCV005	1922	83		89		86		102		103	
CCB005	1925	81		89		94		102		103	

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
S0	1227	100		100		100		100		100	
S02	1234	102		102		101		102		101	
S03	1237	104		99		99		100		102	
S04	1240	105		95		97		97		102	
S05	1243	105		92		95		94		101	
S06	1246	101		87		91		88		99	
S07	1249	100		85		88		85		98	
S08	1251	98		87		90		81		97	
ICV002	1446	106		105		103		103		101	
ICB002	1453	107		104		101		103		101	
ICSA002	1456	102		89		92		88		99	
ICSAB002	1459	104		91		95		90		103	
CCV006	1502	101		90		94		88		101	
CCB006	1505	106		91		95		96		103	
MH2D35	1552	103		107		106		106		105	
MH2D44	1555	97		100		99		100		97	
MH2D47	1558	105		109		107		107		106	
MH2D53	1601	103		110		107		107		105	
MH2D56	1607	106		111		108		109		106	
MH2D56	1611	105		111		109		109		106	
CCV007	1614	103		91		94		88		101	
CCB007	1617	105		91		95		96		103	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/14/2025
 Run Batch: LB134288 End Date : 01/14/2025

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	1227	100		100		100		100		100	
S02	1234	101		101		101		103		101	
S03	1237	96		98		98		101		101	
S04	1240	95		96		96		102		101	
S05	1243	90		92		92		100		99	
S06	1246	86		89		87		98		98	
S07	1249	87		90		87		99		99	
S08	1251	91		91		83		98		97	
ICV002	1446	103		102		102		103		102	
ICB002	1453	104		103		101		102		102	
ICSA002	1456	89		92		87		99		99	
ICSAB002	1459	93		97		92		103		104	
CCV006	1502	92		93		87		101		100	
CCB006	1505	94		97		99		104		103	
MH2D35	1552	107		107		106		106		106	
MH2D44	1555	109		107		106		107		105	
MH2D47	1558	109		107		107		106		106	
MH2D53	1601	109		108		106		107		106	
MH2D56	1607	113		111		109		108		107	
MH2D56	1611	113		111		109		109		107	
CCV007	1614	91		93		87		100		101	
CCB007	1617	93		97		98		104		103	