

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4T2
 Instrument ID: P7 Start Date : 11/03/2024
 Run Batch: LB133264 End Date : 11/03/2024

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	1449	100		100		100		100		100	
S02	1455	102		101		101		102		105	
S03	1459	105		104		105		105		107	
S04	1502	103		105		106		104		109	
S05	1505	103		103		105		102		108	
S06	1507	104		103		106		102		111	
S07	1510	96		95		98		93		103	
S08	1513	99		107		105		95		109	
ICV002	1523	107		110		111		111		111	
ICB002	1531	102		105		105		105		105	
ICSA002	1540	97		107		106		101		108	
ICSAB002	1543	99		113		113		106		113	
CCV006	1546	96		119		117		107		116	
CCB006	1548	101		120		119		118		118	
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
PBS596	1601	99		114		112		112		110	
LCS596	1605	99		114		112		111		111	
LCSD596	1608	98		115		113		112		110	
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1634										
ZZZZZZ	1637										
ZZZZZZ	1640										
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1655										
ZZZZZZ	1658										
ZZZZZZ	1701										
ZZZZZZ	1704										

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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
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
CCV007	1726	96		108		111		101		112	
CCB007	1729	100		112		113		113		114	
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1745										
ZZZZZZ	1748										
MYE4T2	1751	96		114		116		105		110	
MYE4T3	1754	94		109		112		103		109	
MYE4T4	1757	90		106		110		101		106	
MYE4T5	1800	91		109		113		103		108	
MYE4T6	1803	90		108		112		102		108	
MYE4T7	1806	90		109		113		105		109	
MYE4T8	1809	89		106		111		102		108	
MYE4T8D	1812	90		106		111		102		108	
MYE4T8L	1815	90		98		103		102		107	
MYE4T8S	1819	93		105		110		102		109	
MYE4T8SRE	1822	90		102		107		99		107	
MYE4T9	1825	92		103		109		100		108	
MYE4W8	1828	91		104		108		100		109	
MYE4W9	1831	89		103		108		100		106	
MYE4X0	1834	87		104		108		99		106	
MYE4X1	1837	88		104		110		100		109	
MYE4X2	1840	87		102		109		101		109	
MYE4X3	1843	88		103		110		101		109	
MYE4X4	1846	87		104		111		100		110	
MYE4X5	1849	89		103		110		101		110	
CCV008	1852	93		101		106		98		112	
CCB008	1855	93		100		104		106		111	
MYE4X6	1858	94		114		118		109		113	
MYE4X7	1901	91		109		112		105		112	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P7	Start Date : 11/03/2024
Run Batch: LB133264	End Date : 11/03/2024

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	2109										
ZZZZZZ	2112										
ZZZZZZ	2116										
ZZZZZZ	2119										
ZZZZZZ	2122										
ZZZZZZ	2125										
ZZZZZZ	2128										
ZZZZZZ	2131										
ZZZZZZ	2135										
MYE4T8	2138	85		91		98		96		105	
MYE4T8D	2141	85		92		99		98		105	
MYE4T8L	2144	87		92		100		100		106	
MYE4T8S	2147	87		94		101		100		107	
MYE4T8SRE	2151	88		92		100		99		107	
CCV010	2154	85		89		96		88		104	
CCB010	2158	89		96		101		102		109	
ZZZZZZ	2304										
MYE4T8A	2307	88		100		105		97		104	
ZZZZZZ	2310										
ZZZZZZ	2313										
MYE4T8ARE	2316	84		97		104		97		106	
ZZZZZZ	2319										
ZZZZZZ	2322										
ZZZZZZ	2330										
CCV011	2334	85		88		95		88		105	
CCB011	2338	90		94		100		101		108	

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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	1449	100		100		100		100		100	
S02	1455	102		102		103		101		103	
S03	1459	105		104		104		104		105	
S04	1502	104		102		102		105		105	
S05	1505	103		103		101		104		106	
S06	1507	102		101		101		105		107	
S07	1510	104		102		99		106		107	
S08	1513	109		104		93		104		105	
ICV002	1523	112		109		110		109		109	
ICB002	1531	107		105		107		104		105	
ICSA002	1540	112		108		103		107		109	
ICSAB002	1543	118		113		107		111		113	
CCV006	1546	121		114		105		110		112	
CCB006	1548	119		116		116		112		114	
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
PBS596	1601	113		109		111		105		107	
LCS596	1605	116		110		111		107		108	
LCSD596	1608	117		112		112		108		110	
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1621										
ZZZZZZ	1624										
ZZZZZZ	1627										
ZZZZZZ	1630										
ZZZZZZ	1634										
ZZZZZZ	1637										
ZZZZZZ	1640										
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
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ZZZZZZ	1701										
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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
CCV007	1726	112		108		101		108		110	
CCB007	1729	109		111		111		109		109	
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1745										
ZZZZZZ	1748										
MYE4T2	1751	114		115		105		107		107	
MYE4T3	1754	110		111		105		105		106	
MYE4T4	1757	110		111		105		104		106	
MYE4T5	1800	112		112		103		104		106	
MYE4T6	1803	110		113		105		105		106	
MYE4T7	1806	111		113		106		105		107	
MYE4T8	1809	111		111		105		106		108	
MYE4T8D	1812	108		110		105		106		107	
MYE4T8L	1815	100		103		104		104		105	
MYE4T8S	1819	106		108		102		104		106	
MYE4T8SRE	1822	103		107		101		103		105	
MYE4T9	1825	105		109		103		103		105	
MYE4W8	1828	106		109		103		104		106	
MYE4W9	1831	105		107		102		103		104	
MYE4X0	1834	105		107		101		103		104	
MYE4X1	1837	106		110		102		105		107	
MYE4X2	1840	105		108		103		105		107	
MYE4X3	1843	107		110		104		106		109	
MYE4X4	1846	107		109		102		105		106	
MYE4X5	1849	99		102		96		97		101	
CCV008	1852	104		106		99		108		110	
CCB008	1855	95		99		101		102		104	
MYE4X6	1858	114		115		108		109		110	
MYE4X7	1901	104		106		102		102		104	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	2109										
ZZZZZZ	2112										
ZZZZZZ	2116										
ZZZZZZ	2119										
ZZZZZZ	2122										
ZZZZZZ	2125										
ZZZZZZ	2128										
ZZZZZZ	2131										
ZZZZZZ	2135										
MYE4T8	2138	92		99		99		101		103	
MYE4T8D	2141	93		99		100		102		104	
MYE4T8L	2144	92		99		102		103		104	
MYE4T8S	2147	94		100		101		104		104	
MYE4T8SRE	2151	93		99		101		103		105	
CCV010	2154	97		100		95		105		108	
CCB010	2158	97		102		105		106		107	
ZZZZZZ	2304										
MYE4T8A	2307	101		105		99		102		103	
ZZZZZZ	2310										
ZZZZZZ	2313										
MYE4T8ARE	2316	97		103		99		102		103	
ZZZZZZ	2319										
ZZZZZZ	2322										
ZZZZZZ	2330										
CCV011	2334	93		96		91		103		104	
CCB011	2338	94		100		103		103		105	