

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No.: SDG No.: ME2946
 Instrument ID: P8 Start Date : 01/28/2025
 Run Batch: LB134459 End Date : 01/28/2025

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	1210	100		100		100		100		100	
S02	1216	101		100		99		98		100	
S03	1220	99		98		98		96		98	
S04	1223	100		100		99		97		100	
S05	1226	101		100		100		96		101	
S06	1229	101		103		101		95		102	
S07	1232	101		104		102		94		102	
S08	1235	81		85		85		74		86	
ICV002	1307	85		86		86		86		87	
ICB002	1319	94		94		95		94		95	
ICSA002	1322	94		99		98		90		98	
ICSAB002	1325	98		102		100		91		100	
CCV009	1328	92		96		94		85		95	
CCB009	1332	99		100		102		101		100	
ZZZZZZ	1338										
ZZZZZZ	1341										
ZZZZZZ	1344										
PBS230	1351	97		98		99		98		98	
LCS230	1355	89		90		92		90		91	
ZZZZZZ	1358										
ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1415										
ZZZZZZ	1419										
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1428										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1445										
ZZZZZZ	1448										
ZZZZZZ	1451										
ZZZZZZ	1455										
ZZZZZZ	1458										
CCV010	1501	79		87		89		79		91	

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		Element		Element		Element		Element		Element	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
CCB010	1504	86		94		97		95		97	
ZZZZZZ	1507										
ZZZZZZ	1511										
ZZZZZZ	1514										
ZZZZZZ	1517										
ZZZZZZ	1521										
ZZZZZZ	1524										
ZZZZZZ	1527										
ZZZZZZ	1530										
ZZZZZZ	1534										
ZZZZZZ	1537										
ME2946	1540	79		88		92		86		93	
ME2947	1543	84		92		98		89		95	
ME2947D	1547	83		93		97		89		95	
ME2947L	1550	82		89		93		90		94	
ME2947S	1553	86		93		98		89		96	
ZZZZZZ	1556										
ZZZZZZ	1600										
ZZZZZZ	1603										
ZZZZZZ	1606										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1619										
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1628										
CCV011	1631	73		82		86		76		87	
CCB011	1642	74		82		87		87		89	
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1655										
ZZZZZZ	1658										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1708										
CCV012	1817	64		73		77		68		78	

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
CCB012	1819	68		78		83		83		84	
ME2947A	1844	69		79		85		77		85	
ZZZZZZ	1848										
ZZZZZZ	1851										
ME2947A	1855	68		78		84		77		83	
CCV013	1906	60		71		75		67		77	
CCB013	1910	63		73		78		78		80	

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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	1210	100		100		100		100		100	
S02	1216	100		101		100		101		101	
S03	1220	99		99		98		100		101	
S04	1223	100		100		98		100		101	
S05	1226	103		102		99		103		103	
S06	1229	105		103		97		102		105	
S07	1232	106		103		95		102		104	
S08	1235	81		83		71		85		86	
ICV002	1307	88		89		88		90		91	
ICB002	1319	95		95		95		97		97	
ICSA002	1322	100		99		91		98		99	
ICSAB002	1325	103		101		93		100		101	
CCV009	1328	96		95		83		93		95	
CCB009	1332	101		101		100		101		102	
ZZZZZZ	1338										
ZZZZZZ	1341										
ZZZZZZ	1344										
PBS230	1351	98		99		100		100		101	
LCS230	1355	91		91		92		91		92	
ZZZZZZ	1358										
ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1415										
ZZZZZZ	1419										
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1428										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1445										
ZZZZZZ	1448										
ZZZZZZ	1451										
ZZZZZZ	1455										
ZZZZZZ	1458										
CCV010	1501	87		87		80		87		89	

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Instrument ID: P8	Start Date : 01/28/2025
Run Batch: LB134459	End Date : 01/28/2025

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
CCB010	1504	90		92		95		93		95	
ZZZZZZ	1507										
ZZZZZZ	1511										
ZZZZZZ	1514										
ZZZZZZ	1517										
ZZZZZZ	1521										
ZZZZZZ	1524										
ZZZZZZ	1527										
ZZZZZZ	1530										
ZZZZZZ	1534										
ZZZZZZ	1537										
ME2946	1540	87		91		86		89		92	
ME2947	1543	93		97		92		93		94	
ME2947D	1547	89		92		87		90		91	
ME2947L	1550	87		89		89		90		91	
ME2947S	1553	91		94		89		91		92	
ZZZZZZ	1556										
ZZZZZZ	1600										
ZZZZZZ	1603										
ZZZZZZ	1606										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1619										
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1628										
CCV011	1631	80		81		75		82		84	
CCB011	1642	79		82		86		86		87	
ZZZZZZ	1646										
ZZZZZZ	1649										
ZZZZZZ	1652										
ZZZZZZ	1655										
ZZZZZZ	1658										
ZZZZZZ	1702										
ZZZZZZ	1705										
ZZZZZZ	1708										
CCV012	1817	73		75		69		77		80	

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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
CCB012	1819	75		79		82		82		83	
ME2947A	1844	78		82		78		81		84	
ZZZZZZ	1848										
ZZZZZZ	1851										
ME2947A	1855	80		85		81		84		86	
CCV013	1906	69		72		67		76		77	
CCB013	1910	70		75		78		80		81	