

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.: ME2931
 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										
PBW238	1341	98		102		101		101		100	
LCS238	1344	97		101		101		99		100	
ZZZZZZ	1351										
ZZZZZZ	1355										
ZZZZZZ	1358										
ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1415										
ZZZZZZ	1419										
ME2931	1422	92		94		95		85		95	
ME2933	1425	90		96		98		93		99	
ME2937	1428	89		96		97		92		98	
ME2945	1432	90		95		96		89		98	
ME2942	1435	95		102		104		96		104	
ME2943	1438	87		94		96		88		96	
ME2940	1442	85		91		93		88		95	
ME2941	1445	89		96		99		92		100	
ME2944	1448	84		89		91		84		91	
ME2944D	1451	87		94		95		88		97	
ME2944L	1455	85		92		95		92		96	
ME2944S	1458	86		92		95		88		96	
CCV010	1501	79		87		89		79		91	

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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
CCB010	1504	86		94		97		95		97	
ME2938	1507	88		92		94		88		94	
ME2939	1511	88		91		93		88		94	
ME2932	1514	83		90		92		86		94	
ME2936	1517	82		89		92		87		94	
ME2934	1521	81		90		93		87		94	
ME2935	1524	84		93		94		87		95	
ME2950	1527	79		87		90		84		92	
ME2951	1530	78		87		90		84		92	
ME2953	1534	78		85		90		84		92	
ME2954	1537	77		83		88		83		91	
ZZZZZZ	1540										
ZZZZZZ	1543										
ZZZZZZ	1547										
ZZZZZZ	1550										
ZZZZZZ	1553										
ME2931	1556	84		91		95		87		94	
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	

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 Run Batch: LB134459 End Date : 01/28/2025

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
CCB012	1819	68		78		83		83		84	
ZZZZZZ	1844										
ME2944A	1848	68		78		82		76		84	
ZZZZZZ	1851										
ZZZZZZ	1855										
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										
PBW238	1341	100		101		101		100		101	
LCS238	1344	99		100		101		100		101	
ZZZZZZ	1351										
ZZZZZZ	1355										
ZZZZZZ	1358										
ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1415										
ZZZZZZ	1419										
ME2931	1422	95		95		85		94		95	
ME2933	1425	95		95		92		96		97	
ME2937	1428	94		94		91		96		98	
ME2945	1432	95		94		89		95		95	
ME2942	1435	88		88		84		88		90	
ME2943	1438	94		94		89		94		96	
ME2940	1442	92		92		89		94		95	
ME2941	1445	85		87		85		90		90	
ME2944	1448	93		92		88		93		95	
ME2944D	1451	92		91		87		91		93	
ME2944L	1455	95		97		97		99		100	
ME2944S	1458	90		90		85		90		91	
CCV010	1501	87		87		80		87		89	

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		MA No.:	SDG No.: ME2931
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	
ME2938	1507	90		90		89		92		93	
ME2939	1511	88		90		86		91		92	
ME2932	1514	85		86		83		88		90	
ME2936	1517	89		90		88		93		94	
ME2934	1521	87		89		87		92		93	
ME2935	1524	88		88		85		90		91	
ME2950	1527	86		87		84		88		90	
ME2951	1530	85		86		83		88		89	
ME2953	1534	82		84		82		87		90	
ME2954	1537	83		85		83		89		91	
ZZZZZZ	1540										
ZZZZZZ	1543										
ZZZZZZ	1547										
ZZZZZZ	1550										
ZZZZZZ	1553										
ME2931	1556	88		89		84		90		92	
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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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
CCB012	1819	75		79		82		82		83	
ZZZZZZ	1844										
ME2944A	1848	75		78		75		80		82	
ZZZZZZ	1851										
ZZZZZZ	1855										
CCV013	1906	69		72		67		76		77	
CCB013	1910	70		75		78		80		81	