

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2H28
 Instrument ID: P8 Start Date : 01/24/2025
 Run Batch: LB134440 End Date : 01/24/2025

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	0947	100		100		100		100		100	
S02	0953	102		101		100		100		100	
S03	0957	101		100		100		98		100	
S04	1000	100		103		102		99		102	
S05	1003	99		102		102		98		102	
S06	1006	98		103		102		97		103	
S07	1009	96		103		103		95		103	
S08	1011	79		85		86		75		88	
ICV001	1023	99		95		95		94		95	
ICB001	1030	100		96		96		96		95	
ICSA001	1033	94		99		99		91		99	
ICSAB001	1036	93		101		100		92		100	
CCV001	1041	86		94		95		86		95	
CCB001	1045	101		101		101		100		99	
ZZZZZZ	1101										
ZZZZZZ	1113										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1126										
ZZZZZZ	1129										
ZZZZZZ	1135										
ZZZZZZ	1138										
CCV002	1149	86		88		87		79		88	
CCB002	1152	99		96		95		95		93	
ZZZZZZ	1159										
ZZZZZZ	1202										
ZZZZZZ	1206										
ZZZZZZ	1222										
ZZZZZZ	1226										
ZZZZZZ	1229										
ZZZZZZ	1233										
ZZZZZZ	1236										
ZZZZZZ	1242										
ZZZZZZ	1246										
CCV003	1249	85		88		89		79		89	
CCB003	1256	97		92		92		92		91	
ZZZZZZ	1259										
ZZZZZZ	1303										

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		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
CCV004	1305	87		87		88		79		88	
CCB004	1319	99		94		94		93		93	
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1329										
ZZZZZZ	1332										
ZZZZZZ	1335										
ZZZZZZ	1339										
ZZZZZZ	1342										
ZZZZZZ	1345										
ZZZZZZ	1349										
ZZZZZZ	1352										
ZZZZZZ	1355										
ZZZZZZ	1359										
ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1412										
ZZZZZZ	1415										
PBS148	1418	96		94		95		94		93	
LCS148	1424	96		92		94		93		93	
MH2H28	1427	98		100		101		94		96	
CCV005	1431	85		88		89		79		89	
CCB005	1437	95		90		91		90		90	
MH2H29	1440	97		98		99		92		96	
MH2H30	1444	97		101		102		96		99	
MH2H30D	1447	96		102		104		97		100	
MH2H30L	1450	96		97		99		96		96	
MH2H30S	1453	97		100		103		95		98	
MH2H31	1457	95		101		104		96		99	
ZZZZZZ	1503										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1542										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Run Batch: LB134440	End Date : 01/24/2025

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	1816										
ZZZZZZ	1819										
ZZZZZZ	1823										
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1833										
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1853										
ZZZZZZ	1856										
ZZZZZZ	1859										
ZZZZZZ	1903										
MH2H30A	1906	86		94		99		92		96	
ZZZZZZ	1909										
CCV008	1919	75		79		81		73		82	
CCB008	1922	81		81		84		83		84	

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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	0947	100		100		100		100		100	
S02	0953	98		98		98		99		99	
S03	0957	99		99		99		99		99	
S04	1000	98		100		96		98		98	
S05	1003	100		99		97		99		100	
S06	1006	100		101		95		99		100	
S07	1009	100		101		92		99		99	
S08	1011	81		83		73		85		85	
ICV001	1023	95		95		96		97		97	
ICB001	1030	96		97		98		97		99	
ICSA001	1033	90		92		83		89		91	
ICSAB001	1036	99		100		92		98		98	
CCV001	1041	94		93		84		93		93	
CCB001	1045	97		100		99		98		97	
ZZZZZZ	1101										
ZZZZZZ	1113										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1126										
ZZZZZZ	1129										
ZZZZZZ	1135										
ZZZZZZ	1138										
CCV002	1149	88		87		80		89		89	
CCB002	1152	93		93		95		94		96	
ZZZZZZ	1159										
ZZZZZZ	1202										
ZZZZZZ	1206										
ZZZZZZ	1222										
ZZZZZZ	1226										
ZZZZZZ	1229										
ZZZZZZ	1233										
ZZZZZZ	1236										
ZZZZZZ	1242										
ZZZZZZ	1246										
CCV003	1249	89		89		81		92		92	
CCB003	1256	87		88		92		91		91	
ZZZZZZ	1259										
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		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
CCV004	1305	85		85		78		88		89	
CCB004	1319	89		90		94		93		94	
ZZZZZZ	1322										
ZZZZZZ	1325										
ZZZZZZ	1329										
ZZZZZZ	1332										
ZZZZZZ	1335										
ZZZZZZ	1339										
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ZZZZZZ	1345										
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ZZZZZZ	1402										
ZZZZZZ	1405										
ZZZZZZ	1408										
ZZZZZZ	1412										
ZZZZZZ	1415										
PBS148	1418	90		91		93		93		95	
LCS148	1424	90		91		94		94		95	
MH2H28	1427	96		99		95		97		98	
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MH2H30D	1447	99		104		97		99		98	
MH2H30L	1450	92		93		93		95		94	
MH2H30S	1453	98		100		97		97		98	
MH2H31	1457	95		97		93		96		96	
ZZZZZZ	1503										
ZZZZZZ	1533										
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ZZZZZZ	1849										
ZZZZZZ	1853										
ZZZZZZ	1856										
ZZZZZZ	1859										
ZZZZZZ	1903										
MH2H30A	1906	90		93		92		94		93	
ZZZZZZ	1909										
CCV008	1919	73		75		70		79		81	
CCB008	1922	76		79		83		84		84	