

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6313
 Instrument ID: P7 Start Date : 02/02/2025
 Run Batch: LB134522 End Date : 02/02/2025

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	1425	100		100		100		100		100	
S02	1428	99		99		100		100		100	
S03	1432	101		100		100		100		101	
S04	1435	107		97		98		98		102	
S05	1438	108		89		93		92		101	
S06	1440	109		85		91		88		100	
S07	1443	108		85		91		86		102	
S08	1446	102		86		89		80		95	
ICV001	1451	113		96		98		98		102	
ICB001	1455	112		96		98		98		101	
ICSA001	1501	110		89		93		88		100	
ICSAB001	1504	108		90		96		90		102	
CCV001	1507	107		92		96		89		104	
CCB001	1514	112		93		98		98		104	
ZZZZZZ	1517										
ZZZZZZ	1520										
PBS471	1524	108		94		97		97		100	
LCS471	1527	110		96		100		100		104	
ZZZZZZ	1530										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
A6342	1542	106		95		100		98		103	
A6342D	1546	106		95		100		98		103	
A6342L	1549	108		96		100		100		105	
A6342S	1552	113		97		104		102		107	
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1620										
CCV002	1624	102		86		92		85		102	
CCB002	1629	106		87		94		94		102	
A6313	1632	114		89		99		94		104	

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		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
A6314	1635	118		93		102		98		107	
A6325	1638	110		90		100		95		104	
A6326	1642	107		88		95		93		100	
A6331	1645	113		95		104		97		106	
A6332	1648	110		92		98		96		102	
A6333	1651	114		100		110		100		107	
A6334	1654	111		98		109		97		106	
ZZZZZZ	1657										
ZZZZZZ	1701										
ZZZZZZ	1704										
ZZZZZZ	1707										
A6343	1710	106		99		105		104		108	
A6344	1713	103		94		101		99		105	
A6345	1716	106		94		101		99		105	
A6346	1720	107		94		101		100		106	
A6347	1723	107		94		100		99		104	
ZZZZZZ	1726										
ZZZZZZ	1729										
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1742										
ZZZZZZ	1745										
ZZZZZZ	1748										
ZZZZZZ	1751										
CCV003	1754	102		86		93		85		103	
CCB003	1757	106		86		93		94		104	
ZZZZZZ	1800										
ZZZZZZ	1804										
ZZZZZZ	1807										
A6342A	1810	105		92		99		97		104	
CCV004	1813	104		84		91		85		102	
CCB004	1816	107		86		93		93		102	

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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	1425	100		100		100		100		100	
S02	1428	101		101		101		100		101	
S03	1432	99		100		99		101		102	
S04	1435	97		97		96		101		102	
S05	1438	90		93		92		100		101	
S06	1440	89		92		91		101		102	
S07	1443	90		93		89		102		102	
S08	1446	92		92		84		97		98	
ICV001	1451	99		99		100		103		103	
ICB001	1455	99		99		100		102		101	
ICSA001	1501	93		96		91		101		102	
ICSAB001	1504	94		97		93		104		104	
CCV001	1507	93		95		88		101		102	
CCB001	1514	97		99		100		103		104	
ZZZZZZ	1517										
ZZZZZZ	1520										
PBS471	1524	98		100		102		104		104	
LCS471	1527	99		101		101		103		103	
ZZZZZZ	1530										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
A6342	1542	99		101		100		102		102	
A6342D	1546	98		102		101		103		103	
A6342L	1549	98		101		102		104		104	
A6342S	1552	100		103		103		106		106	
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
ZZZZZZ	1620										
CCV002	1624	87		90		86		98		98	
CCB002	1629	91		96		98		103		102	
A6313	1632	92		99		97		103		103	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
A6314	1635	93		98		97		102		103	
A6325	1638	95		104		100		104		106	
A6326	1642	93		98		98		102		102	
A6331	1645	98		105		99		105		105	
A6332	1648	97		101		99		103		103	
A6333	1651	102		111		100		106		106	
A6334	1654	102		112		100		106		105	
ZZZZZZ	1657										
ZZZZZZ	1701										
ZZZZZZ	1704										
ZZZZZZ	1707										
A6343	1710	97		101		102		104		104	
A6344	1713	96		101		102		104		104	
A6345	1716	96		100		101		103		103	
A6346	1720	96		101		100		104		104	
A6347	1723	96		100		100		104		104	
ZZZZZZ	1726										
ZZZZZZ	1729										
ZZZZZZ	1732										
ZZZZZZ	1735										
ZZZZZZ	1738										
ZZZZZZ	1742										
ZZZZZZ	1745										
ZZZZZZ	1748										
ZZZZZZ	1751										
CCV003	1754	90		94		89		103		104	
CCB003	1757	91		96		99		104		103	
ZZZZZZ	1800										
ZZZZZZ	1804										
ZZZZZZ	1807										
A6342A	1810	98		102		102		105		105	
CCV004	1813	89		94		88		103		102	
CCB004	1816	90		96		99		103		103	