

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.: ME2975
 Instrument ID: P8 Start Date : 02/10/2025
 Run Batch: LB134662 End Date : 02/10/2025

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	1417	100		100		100		100		100	
S02	1420	98		99		99		99		98	
S03	1423	97		98		97		97		97	
S04	1426	97		97		96		95		98	
S05	1429	95		95		95		92		98	
S06	1432	92		95		95		92		98	
S07	1435	91		94		95		90		98	
S08	1438	81		87		89		78		91	
ICV001	1514	97		99		99		98		98	
ICB001	1518	98		98		98		99		98	
ICSA001	1521	89		92		93		87		95	
ICSAB001	1529	90		94		95		89		97	
CCV001	1532	86		91		90		82		93	
CCB001	1535	97		100		98		99		99	
PBW569	1538	97		99		100		99		99	
LCS569	1543	98		100		102		101		101	
ME2975	1546	96		101		101		95		101	
ME2975D	1549	96		100		99		94		99	
ME2975L	1553	96		100		99		97		99	
ME2975S	1556	95		100		100		95		101	
ME2978	1559	94		98		98		92		97	
ME2979	1603	95		101		102		96		102	
ME2989	1606	99		103		101		96		102	
ME2991	1609	96		102		101		95		101	
ME2996	1612	96		113		125		91		102	
ME29A4	1616	105		111		109		104		107	
ME29A5	1619	99		104		103		97		102	
ME29A7	1622	97		104		102		95		102	
ME29A8	1625	101		107		105		100		104	
ME29B0	1629	102		107		105		100		105	
ME29B1	1632	100		104		104		101		105	
ME29A9	1635	99		101		101		97		102	
ME29B2	1638	97		100		101		94		100	
ME29B3	1642	99		101		101		94		101	
ME29B4	1645	97		101		101		96		102	
ME29B5	1648	96		99		98		93		99	
ME29B8	1651	90		96		97		88		97	
ME29B9	1654	98		102		100		96		101	

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 Instrument ID: P8 Start Date : 02/10/2025
 Run Batch: LB134662 End Date : 02/10/2025

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
ME29C0	1658	94		98		97		88		97	
ME2996	1701	97		102		105		95		101	
ME29B8	1704	97		102		100		94		101	
ME2996	1707	100		105		101		96		101	
CCV002	1711	90		96		96		89		98	
CCB002	1714	100		104		104		103		103	

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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	1417	100		100		100		100		100	
S02	1420	103		103		104		104		103	
S03	1423	97		96		97		98		98	
S04	1426	99		98		98		100		100	
S05	1429	98		97		96		99		100	
S06	1432	94		94		92		97		95	
S07	1435	94		94		89		96		96	
S08	1438	89		92		81		93		93	
ICV001	1514	100		99		100		100		99	
ICB001	1518	98		98		98		98		97	
ICSA001	1521	90		90		86		93		93	
ICSAB001	1529	91		90		87		92		92	
CCV001	1532	91		90		83		91		91	
CCB001	1535	97		96		99		98		97	
PBW569	1538	97		98		98		97		97	
LCS569	1543	100		99		102		99		99	
ME2975	1546	96		97		95		97		97	
ME2975D	1549	97		98		95		97		97	
ME2975L	1553	97		96		96		97		96	
ME2975S	1556	96		96		94		96		97	
ME2978	1559	97		98		93		97		97	
ME2979	1603	103		103		98		103		102	
ME2989	1606	98		99		94		99		98	
ME2991	1609	98		97		92		97		96	
ME2996	1612	108		125		90		99		100	
ME29A4	1616	104		106		101		104		103	
ME29A5	1619	99		99		94		98		97	
ME29A7	1622	100		100		94		98		99	
ME29A8	1625	102		102		100		101		101	
ME29B0	1629	99		101		98		100		101	
ME29B1	1632	98		98		98		99		100	
ME29A9	1635	97		96		95		97		97	
ME29B2	1638	98		97		94		98		98	
ME29B3	1642	96		97		91		96		96	
ME29B4	1645	95		95		93		96		96	
ME29B5	1648	94		95		91		95		95	
ME29B8	1651	94		94		86		93		93	
ME29B9	1654	94		94		92		95		94	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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
ME29C0	1658	95		94		88		94		93	
ME2996	1701	98		100		93		97		97	
ME29B8	1704	103		104		97		101		103	
ME2996	1707	100		99		94		98		97	
CCV002	1711	96		94		88		94		95	
CCB002	1714	100		98		101		99		99	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51900 MA No.: SDG No.: ME2975
 Instrument ID: P8 Start Date : 02/11/2025
 Run Batch: LB134674 End Date : 02/11/2025

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	1205	100		100		100		100		100	
S02	1208	101		99		100		102		101	
S03	1211	100		101		101		101		103	
S04	1215	100		100		100		100		102	
S05	1218	99		100		99		98		102	
S06	1220	97		98		99		96		102	
S07	1223	96		98		98		93		101	
S08	1226	88		92		92		83		92	
ICV005	1329	102		103		102		101		103	
ICB005	1333	103		102		102		102		103	
ICSA005	1340	96		99		100		94		101	
ICSAB005	1344	97		101		102		94		102	
CCV021	1347	94		98		97		90		99	
CCB021	1350	106		106		106		106		103	
ZZZZZZ	1353										
ZZZZZZ	1357										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1415										
ZZZZZZ	1418										
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1445										
CCV022	1450	95		101		99		92		99	
CCB022	1453	105		105		105		106		104	
ME2975A	1521	104		107		107		102		106	
ZZZZZZ	1525										
ZZZZZZ	1528										
ZZZZZZ	1531										
ZZZZZZ	1541										
ZZZZZZ	1545										
ZZZZZZ	1548										
ZZZZZZ	1551										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51900	MA No.: SDG No.: ME2975
Instrument ID: P8	Start Date : 02/11/2025
Run Batch: LB134674	End Date : 02/11/2025

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	1554										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
CCV023	1621	94		99		98		90		99	
CCB023	1624	104		103		102		103		103	

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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	1205	100		100		100		100		100	
S02	1208	101		102		100		99		101	
S03	1211	99		100		99		99		100	
S04	1215	100		100		98		99		101	
S05	1218	100		99		97		99		99	
S06	1220	98		97		94		98		99	
S07	1223	99		99		92		97		99	
S08	1226	95		95		82		93		94	
ICV005	1329	101		100		100		99		100	
ICB005	1333	102		101		101		100		101	
ICSA005	1340	101		101		94		98		100	
ICSAB005	1344	102		101		93		98		100	
CCV021	1347	101		100		91		97		99	
CCB021	1350	106		105		105		102		103	
ZZZZZZ	1353										
ZZZZZZ	1357										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1415										
ZZZZZZ	1418										
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1445										
CCV022	1450	101		100		91		96		98	
CCB022	1453	105		105		104		100		102	
ME2975A	1521	107		105		100		102		103	
ZZZZZZ	1525										
ZZZZZZ	1528										
ZZZZZZ	1531										
ZZZZZZ	1541										
ZZZZZZ	1545										
ZZZZZZ	1548										
ZZZZZZ	1551										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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
ZZZZZZ	1554										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1608										
ZZZZZZ	1611										
ZZZZZZ	1614										
ZZZZZZ	1617										
CCV023	1621	98		96		87		95		96	
CCB023	1624	100		99		99		99		98	