

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51967 MA No.: SDG No.: MDCZM3
 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	
ZZZZZZ	1521										
ZZZZZZ	1525										
PBW636	1528	106		106		106		106		104	
LCS636	1531	106		106		105		105		104	
MDCZM3	1541	102		100		100		97		101	
MDCZP0	1545	102		101		101		100		101	
MDCZP1	1548	101		102		101		98		101	
MDCZP5	1551	100		102		102		99		101	

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		MA No.:	SDG No.: MDCZM3
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
MDCZM4	1554	101		102		102		100		101	
MDCZN3	1558	100		101		101		100		102	
MDCZP2	1601	101		99		99		96		100	
MDCZN8	1604	102		99		99		98		100	
MDCZN8D	1608	101		99		99		99		101	
MDCZN8L	1611	103		101		102		102		103	
MDCZN8S	1614	102		99		100		98		101	
MDCZL6	1617	81		80		80		78		80	
CCV023	1621	94		99		98		90		99	
CCB023	1624	104		103		102		103		103	
MDCZL9	1632	98		99		100		97		101	
MDCZN9	1636	101		101		101		101		102	
MDCZN2	1639	101		102		102		98		101	
MDCZN7	1642	102		105		104		103		104	
MDCZP4	1646	102		103		103		101		101	
CCV024	1649	96		99		98		91		98	
CCB024	1652	106		104		103		104		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	
ZZZZZZ	1521										
ZZZZZZ	1525										
PBW636	1528	105		103		103		101		103	
LCS636	1531	105		104		103		101		102	
MDCZM3	1541	99		97		96		97		99	
MDCZP0	1545	103		102		103		101		103	
MDCZP1	1548	101		101		98		99		100	
MDCZP5	1551	101		100		98		98		99	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51967 MA No.: _____ SDG No.: MDCZM3
 Instrument ID: P8 Start Date : 02/11/2025
 Run Batch: LB134674 End Date : 02/11/2025

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
MDCZM4	1554	101		100		99		100		101	
MDCZN3	1558	97		97		96		95		97	
MDCZP2	1601	98		98		95		96		98	
MDCZN8	1604	97		98		97		97		99	
MDCZN8D	1608	98		98		97		97		98	
MDCZN8L	1611	100		99		100		98		101	
MDCZN8S	1614	98		98		97		98		97	
MDCZL6	1617	100		100		99		98		101	
CCV023	1621	98		96		87		95		96	
CCB023	1624	100		99		99		99		98	
MDCZL9	1632	98		97		96		96		98	
MDCZN9	1636	101		100		99		100		101	
MDCZN2	1639	103		104		98		100		102	
MDCZN7	1642	104		104		102		102		102	
MDCZP4	1646	101		100		99		99		101	
CCV024	1649	101		99		90		96		98	
CCB024	1652	98		98		98		95		97	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51967 MA No.: SDG No.: MDCZM3
 Instrument ID: P8 Start Date : 02/13/2025
 Run Batch: LB134712 End Date : 02/13/2025

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	1145	100		100		100		100		100	
S02	1148	101		101		100		100		99	
S03	1151	101		102		100		99		100	
S04	1154	102		103		102		99		101	
S05	1157	102		103		101		98		101	
S06	1200	101		102		100		97		100	
S07	1203	100		103		101		94		101	
S08	1206	90		95		94		82		93	
ICV007	1212	110		108		106		106		104	
ICB007	1216	110		109		105		106		105	
ICSA007	1219	100		106		103		96		102	
ICSAB007	1228	100		105		103		96		101	
CCV027	1231	96		103		99		91		96	
CCB027	1234	109		111		109		108		104	
MDCZN8A	1238	106		110		106		103		102	
ZZZZZZ	1241										
ZZZZZZ	1245										
ZZZZZZ	1248										
ZZZZZZ	1251										
ZZZZZZ	1254										
ZZZZZZ	1258										
ZZZZZZ	1301										
ZZZZZZ	1304										
ZZZZZZ	1307										
ZZZZZZ	1310										
ZZZZZZ	1314										
ZZZZZZ	1317										
ZZZZZZ	1320										
ZZZZZZ	1324										
ZZZZZZ	1327										
ZZZZZZ	1330										
ZZZZZZ	1333										
ZZZZZZ	1337										
ZZZZZZ	1340										
ZZZZZZ	1343										
ZZZZZZ	1347										
ZZZZZZ	1350										
ZZZZZZ	1353										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51967 MA No.: SDG No.: MDCZM3
 Instrument ID: P8 Start Date : 02/13/2025
 Run Batch: LB134712 End Date : 02/13/2025

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
CCV028	1356	97		100		96		87		94	
CCB028	1359	109		108		105		103		100	

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 Instrument ID: P8 Start Date : 02/13/2025
 Run Batch: LB134712 End Date : 02/13/2025

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	1145	100		100		100		100		100	
S02	1148	100		100		101		100		101	
S03	1151	101		99		100		100		101	
S04	1154	101		100		99		100		101	
S05	1157	103		102		99		101		102	
S06	1200	103		101		98		101		102	
S07	1203	105		103		96		102		102	
S08	1206	100		100		86		97		98	
ICV007	1212	110		109		107		108		107	
ICB007	1216	109		109		107		106		107	
ICSA007	1219	106		107		98		104		104	
ICSAB007	1228	106		105		97		102		103	
CCV027	1231	106		104		93		99		101	
CCB027	1234	111		111		109		106		106	
MDCZN8A	1238	109		109		105		105		105	
ZZZZZZ	1241										
ZZZZZZ	1245										
ZZZZZZ	1248										
ZZZZZZ	1251										
ZZZZZZ	1254										
ZZZZZZ	1258										
ZZZZZZ	1301										
ZZZZZZ	1304										
ZZZZZZ	1307										
ZZZZZZ	1310										
ZZZZZZ	1314										
ZZZZZZ	1317										
ZZZZZZ	1320										
ZZZZZZ	1324										
ZZZZZZ	1327										
ZZZZZZ	1330										
ZZZZZZ	1333										
ZZZZZZ	1337										
ZZZZZZ	1340										
ZZZZZZ	1343										
ZZZZZZ	1347										
ZZZZZZ	1350										
ZZZZZZ	1353										

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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
CCV028	1356	100		99		89		93		95	
CCB028	1359	105		103		104		100		102	