

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51943 MA No.: SDG No.: MC0B99
 Instrument ID: P8 Start Date : 01/17/2025
 Run Batch: LB134335 End Date : 01/17/2025

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	1232	100		100		100		100		100	
S02	1238	100		100		100		101		100	
S03	1242	99		101		101		99		101	
S04	1245	97		100		101		100		101	
S05	1248	96		102		103		99		103	
S06	1251	97		103		102		98		103	
S07	1253	95		102		104		96		103	
S08	1256	78		87		89		77		89	
ICV001	1313	94		96		97		97		97	
ICB001	1334	99		101		100		100		99	
ICSA001	1341	93		99		100		93		101	
ICSAB001	1344	96		104		105		96		103	
CCV001	1347	91		104		103		92		101	
CCB001	1354	104		109		107		107		105	
ZZZZZZ	1416										
ZZZZZZ	1420										
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1430										
ZZZZZZ	1433										
ZZZZZZ	1437										
ZZZZZZ	1441										
ZZZZZZ	1444										
ZZZZZZ	1448										
CCV002	1451	87		95		96		86		94	
CCB002	1454	99		106		104		105		102	
ZZZZZZ	1525										
ZZZZZZ	1528										
ZZZZZZ	1532										
ZZZZZZ	1535										
ZZZZZZ	1538										
ZZZZZZ	1541										
ZZZZZZ	1545										
ZZZZZZ	1547										
ZZZZZZ	1551										
CCV003	1553	87		94		95		85		95	
CCB003	1556	96		101		101		101		100	
ZZZZZZ	1647										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P8	Start Date : 01/17/2025
Run Batch: LB134335	End Date : 01/17/2025

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
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										
ZZZZZZ	1712										
CCV004	1721	92		93		81		92		92	
CCB004	1724	101		102		101		102		102	
PBW076	1736	93		95		93		94		94	
LCS076	1740	92		93		92		91		93	
MC0B99	1743	93		95		91		94		95	
MC0BA0	1746	96		97		92		95		95	
MC0BA1	1750	96		97		92		95		97	
MC0BA2	1753	93		95		90		94		94	
MC0BA2D	1756	93		95		90		94		94	
MC0BA2L	1759	93		95		92		94		94	
MC0BA2S	1803	95		97		92		95		96	
MC0BA4	1806	99		100		94		96		96	
CCV005	1813	89		89		79		88		89	
CCB005	1816	92		94		92		93		94	

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 Instrument ID: P8 Start Date : 01/20/2025
 Run Batch: LB134353 End Date : 01/20/2025

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	1316	100		100		100		100		100	
S02	1323	107		107		105		105		106	
S03	1326	99		98		98		97		99	
S04	1330	96		99		100		97		100	
S05	1333	96		99		100		96		101	
S06	1335	91		98		99		94		101	
S07	1338	89		98		99		93		101	
S08	1341	76		84		87		76		89	
ICV002	1345	96		96		97		96		96	
ICB002	1359	100		98		98		99		99	
ICSA002	1402	89		96		98		91		97	
ICSAB002	1407	91		101		102		94		102	
CCV006	1410	85		98		98		88		99	
CCB006	1413	100		105		105		105		103	
ZZZZZZ	1420										
ZZZZZZ	1423										
ZZZZZZ	1427										
ZZZZZZ	1433										
ZZZZZZ	1437										
ZZZZZZ	1440										
ZZZZZZ	1454										
ZZZZZZ	1500										
ZZZZZZ	1506										
CCV007	1520	86		91		92		83		92	
CCB007	1527	96		96		95		96		94	
ZZZZZZ	1533										
ZZZZZZ	1548										
ZZZZZZ	1551										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1606										
ZZZZZZ	1609										
ZZZZZZ	1614										
ZZZZZZ	1618										
ZZZZZZ	1625										
CCV008	1628	85		89		91		81		91	
CCB008	1631	98		97		98		98		96	
ZZZZZZ	1634										

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Run Batch: <u>LB134353</u>	End Date : <u>01/20/2025</u>

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
CCV009	1637	83		90		90		82		91	
CCB009	1640	96		95		96		96		94	
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
CCV010	1705	86		92		92		84		93	
CCB010	1711	96		95		95		94		93	
MC0B99	1715	94		95		95		93		93	
CCV011	1718	85		89		89		80		89	
CCB011	1721	96		97		97		96		95	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
CCV009	1637	92		92		82		92		92	
CCB009	1640	95		98		97		98		96	
ZZZZZZ	1643										
ZZZZZZ	1646										
ZZZZZZ	1650										
ZZZZZZ	1653										
ZZZZZZ	1656										
ZZZZZZ	1659										
ZZZZZZ	1702										
CCV010	1705	91		93		83		93		93	
CCB010	1711	93		95		95		95		95	
MC0B99	1715	92		94		92		95		93	
CCV011	1718	89		89		80		90		90	
CCB011	1721	94		95		95		95		94	