

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/06/2025
 Run Batch: LB134172 End Date : 01/06/2025

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1315	100		100							
S02	1319	99		100							
S03	1325	101		102							
S04	1328	101		103							
S05	1331	100		103							
S06	1334	100		102							
S07	1336	100		102							
S08	1339	92		84							
ICV001	1405	104		108							
ICB001	1424	103		104							
ICSA001	1427	105		103							
ICSAB001	1431	107		105							
CCV001	1434	103		100							
CCB001	1441	105		109							
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1503										
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1519										
CCV002	1535	101		99							
CCB002	1538	106		110							
PBS924	1541	106		110							
LCS924	1544	106		110							
MH2D26	1548	110		120							
MH2D29	1551	111		141	*						
MH2D32	1554	112		121							
MH2D35	1557	112		216	*						
MH2D38	1600	113		148	*						
MH2D41	1603	113		120							
MH2D44	1606	113		394	*						
MH2D47	1609	114		275	*						
MH2D50	1612	114		220	*						
MH2D53	1615	116		122							
MH2D56	1618	115		627	*						

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 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/06/2025
 Run Batch: LB134172 End Date : 01/06/2025

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
MH2D59	1621	115		117							
MH2D62	1624	114		117							
MH2D65	1627	115		116							
MH2D68	1631	115		122							
MH2D71	1634	115		120							
MH2D74	1637	112		117							
MH2D74D	1640	114		120							
MH2D74S	1643	114		120							
MH2D74L	1646	111		111							
CCV003	1649	107		104							
CCB003	1652	109		116							
MH2D26	1748	109		113							
MH2D29	1751	110		126	*						
MH2D35	1754	111		164	*						
MH2D38	1758	111		130	*						
MH2D41	1801	113		118							
MH2D44	1804	112		248	*						
MH2D47	1807	114		193	*						
MH2D50	1810	115		167	*						
MH2D53	1813	113		116							
MH2D56	1816	114		358	*						
MH2D32	1819	113		115							
MH2D35	1823	113		139	*						
MH2D38	1826	112		121							
CCV004	1829	110		105							
CCB004	1832	109		115							
MH2D26	1835	112		118							
MH2D29	1838	113		122							
MH2D44	1841	113		170	*						
MH2D47	1844	113		147	*						
MH2D50	1847	112		135	*						
MH2D56	1851	113		215	*						
MH2D65	1854	113		114							
MH2D68	1857	113		116							
MH2D35	1900	113		127	*						
MH2D29	1903	112		116							
MH2D44	1909	108		136	*						

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
MH2D47	1912	110		126	*						
MH2D50	1915	112		122							
MH2D56	1919	112		138	*						
CCV005	1922	109		104							
CCB005	1925	108		115							

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	
		209Bi	Q		Q		Q		Q		Q
S0	1315	100									
S02	1319	101									
S03	1325	101									
S04	1328	100									
S05	1331	100									
S06	1334	98									
S07	1336	96									
S08	1339	85									
ICV001	1405	103									
ICB001	1424	103									
ICSA001	1427	99									
ICSAB001	1431	98									
CCV001	1434	94									
CCB001	1441	105									
ZZZZZZ	1458										
ZZZZZZ	1501										
ZZZZZZ	1503										
ZZZZZZ	1507										
ZZZZZZ	1510										
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1519										
CCV002	1535	94									
CCB002	1538	105									
PBS924	1541	106									
LCS924	1544	106									
MH2D26	1548	113									
MH2D29	1551	137	*								
MH2D32	1554	118									
MH2D35	1557	210	*								
MH2D38	1600	140	*								
MH2D41	1603	114									
MH2D44	1606	372	*								
MH2D47	1609	266	*								
MH2D50	1612	210	*								
MH2D53	1615	117									
MH2D56	1618	596	*								

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Run Batch: LB134172 End Date : 01/06/2025

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
MH2D59	1621	113									
MH2D62	1624	114									
MH2D65	1627	112									
MH2D68	1631	117									
MH2D71	1634	116									
MH2D74	1637	116									
MH2D74D	1640	113									
MH2D74S	1643	115									
MH2D74L	1646	110									
CCV003	1649	96									
CCB003	1652	107									
MH2D26	1748	112									
MH2D29	1751	123									
MH2D35	1754	158	*								
MH2D38	1758	125									
MH2D41	1801	112									
MH2D44	1804	240	*								
MH2D47	1807	188	*								
MH2D50	1810	162	*								
MH2D53	1813	114									
MH2D56	1816	342	*								
MH2D32	1819	113									
MH2D35	1823	138	*								
MH2D38	1826	117									
CCV004	1829	97									
CCB004	1832	108									
MH2D26	1835	111									
MH2D29	1838	117									
MH2D44	1841	165	*								
MH2D47	1844	144	*								
MH2D50	1847	131	*								
MH2D56	1851	212	*								
MH2D65	1854	111									
MH2D68	1857	114									
MH2D35	1900	125									
MH2D29	1903	113									
MH2D44	1909	137	*								

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>01/06/2025</u>
Run Batch: <u>LB134172</u>	End Date : <u>01/06/2025</u>

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51811 MA No.: SDG No.: MH2D26
 Instrument ID: P7 Start Date : 01/14/2025
 Run Batch: LB134288 End Date : 01/14/2025

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1227	100		100							
S02	1234	102		102							
S03	1237	102		103							
S04	1240	104		105							
S05	1243	102		102							
S06	1246	101		100							
S07	1249	100		98							
S08	1251	98		89							
ICV002	1446	103		103							
ICB002	1453	102		103							
ICSA002	1456	101		98							
ICSAB002	1459	105		101							
CCV006	1502	102		98							
CCB006	1505	104		109							
MH2D35	1552	105		112							
MH2D44	1555	98		112							
MH2D47	1558	106		114							
MH2D53	1601	105		107							
MH2D56	1607	107		132	*						
MH2D56	1611	107		119							
CCV007	1614	103		99							
CCB007	1617	104		108							

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Instrument ID: <u>P7</u>	Start Date : <u>01/14/2025</u>
Run Batch: <u>LB134288</u>	End Date : <u>01/14/2025</u>

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
S0	1227	100									
S02	1234	100									
S03	1237	100									
S04	1240	101									
S05	1243	98									
S06	1246	96									
S07	1249	95									
S08	1251	87									
ICV002	1446	101									
ICB002	1453	102									
ICSA002	1456	95									
ICSAB002	1459	98									
CCV006	1502	93									
CCB006	1505	105									
MH2D35	1552	112									
MH2D44	1555	118									
MH2D47	1558	113									
MH2D53	1601	104									
MH2D56	1607	129	*								
MH2D56	1611	118									
CCV007	1614	94									
CCB007	1617	106									