

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Contract: 68HERH20D0011

MA No.: SDG No.: MYDB92

Start Date : 10/28/2024

End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell							
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q
S0	1322	100		100					
S02	1326	99		99					
S03	1329	98		99					
S04	1332	101		102					
S05	1335	103		104					
S06	1338	105		107					
S07	1341	106		107					
S08	1344	104		98					
ICV003	1403	100		101					
ICB003	1406	99		100					
ICSA004	1410	105		103					
ICSAB004	1413	108		107					
CCV018	1416	108		106					
CCB018	1419	107		111					
ZZZZZZ	1422								
ZZZZZZ	1425								
ZZZZZZ	1429								
ZZZZZZ	1432								
ZZZZZZ	1435								
ZZZZZZ	1438								
ZZZZZZ	1442								
ZZZZZZ	1446								
ZZZZZZ	1449								
ZZZZZZ	1452								
ZZZZZZ	1455								
ZZZZZZ	1458								
ZZZZZZ	1502								
ZZZZZZ	1505								
ZZZZZZ	1508								
ZZZZZZ	1511								
ZZZZZZ	1515								
ZZZZZZ	1518								
ZZZZZZ	1521								
ZZZZZZ	1525								
CCV019	1528	105		103					
CCB019	1535	105		106					
ZZZZZZ	1539								

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Contract: 68HERH20D0011

MA No.: SDG No.: MYDB92

Start Date : 10/28/2024

End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell							
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q
ZZZZZZ	1542								
ZZZZZZ	1545								
ZZZZZZ	1549								
ZZZZZZ	1552								
ZZZZZZ	1555								
PBS273	1559	102		104					
LCS273	1602	102		103					
LCSD273	1605	103		104					
ZZZZZZ	1609								
ZZZZZZ	1612								
ZZZZZZ	1615								
ZZZZZZ	1619								
ZZZZZZ	1622								
ZZZZZZ	1625								
ZZZZZZ	1629								
ZZZZZZ	1632								
ZZZZZZ	1635								
ZZZZZZ	1638								
ZZZZZZ	1641								
ZZZZZZ	1645								
ZZZZZZ	1648								
ZZZZZZ	1651								
CCV020	1655	107		105					
CCB020	1658	107		110					
ZZZZZZ	1701								
ZZZZZZ	1705								
ZZZZZZ	1708								
ZZZZZZ	1711								
ZZZZZZ	1714								
ZZZZZZ	1717								
ZZZZZZ	1720								
ZZZZZZ	1724								
ZZZZZZ	1727								
ZZZZZZ	1730								
ZZZZZZ	1733								
ZZZZZZ	1736								
ZZZZZZ	1739								

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Run Batch: LB133179 End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
CCV021	1743	105		102							
CCB021	1745	107		111							
ZZZZZZ	1749										
ZZZZZZ	1753										
ZZZZZZ	1756										
ZZZZZZ	1759										
ZZZZZZ	1802										
ZZZZZZ	1805										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
CCV022	1834	106		104							
CCB022	1837	110		117							
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1851										
ZZZZZZ	1854										
ZZZZZZ	1857										
ZZZZZZ	1900										
ZZZZZZ	1903										
ZZZZZZ	1907										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1919										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1929										
ZZZZZZ	1932										
ZZZZZZ	1935										
CCV023	1939	108		107							

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
CCB023	1941	108		113							
ZZZZZZ	1945										
ZZZZZZ	1948										
ZZZZZZ	1951										
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										
ZZZZZZ	2004										
ZZZZZZ	2008										
ZZZZZZ	2011										
ZZZZZZ	2014										
ZZZZZZ	2017										
ZZZZZZ	2021										
ZZZZZZ	2024										
ZZZZZZ	2027										
ZZZZZZ	2030										
ZZZZZZ	2033										
MYDB92	2036	103		102							
MYDB93	2040	101		101							
MYDB94	2043	101		101							
MYDB95	2046	100		101							
MYDB96	2049	102		102							
MYDB97	2052	101		102							
MYDB98	2056	102		100							
MYDB99	2059	102		102							
MYDBA0	2102	101		100							
MYDBA0D	2105	100		101							
CCV024	2108	108		108							
CCB024	2111	110		115							
MYDBA0L	2115	102		108							
MYDBA0S	2118	104		105							
MYDBA0SRE	2121	103		104							
MYDBA1	2124	98		98							
MYDBA2	2127	99		101							
MYDBA3	2130	105		105							
MYDBA4	2134	106		106							
MYDBA5	2137	102		100							

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
ICSA005	2141	109		105							
ICSAB005	2145	108		107							
CCV025	2151	110		107							
CCB025	2154	109		114							
MYDBA6	2157	103		103							
MYDBA7	2200	104		107							
MYDBA9	2203	103		103							
MYDBB0	2207	103		104							
MYDBB1	2210	103		101							
MYDBB2	2213	100		101							
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2239										
ZZZZZZ	2242										
ZZZZZZ	2245										
ZZZZZZ	2248										
ZZZZZZ	2251										
CCV026	2255	110		109							
CCB026	2257	108		112							

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
S0	1322	100									
S02	1326	99									
S03	1329	99									
S04	1332	102									
S05	1335	103									
S06	1338	106									
S07	1341	104									
S08	1344	96									
ICV003	1403	102									
ICB003	1406	99									
ICSA004	1410	104									
ICSAB004	1413	106									
CCV018	1416	102									
CCB018	1419	107									
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1446										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1521										
ZZZZZZ	1525										
CCV019	1528	99									
CCB019	1535	103									
ZZZZZZ	1539										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
ZZZZZZ	1542										
ZZZZZZ	1545										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
PBS273	1559	102									
LCS273	1602	103									
LCSD273	1605	102									
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1619										
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1629										
ZZZZZZ	1632										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
CCV020	1655	101									
CCB020	1658	105									
ZZZZZZ	1701										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/28/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
CCB023	1941	107									
ZZZZZZ	1945										
ZZZZZZ	1948										
ZZZZZZ	1951										
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										
ZZZZZZ	2004										
ZZZZZZ	2008										
ZZZZZZ	2011										
ZZZZZZ	2014										
ZZZZZZ	2017										
ZZZZZZ	2021										
ZZZZZZ	2024										
ZZZZZZ	2027										
ZZZZZZ	2030										
ZZZZZZ	2033										
MYDB92	2036	100									
MYDB93	2040	97									
MYDB94	2043	98									
MYDB95	2046	99									
MYDB96	2049	100									
MYDB97	2052	98									
MYDB98	2056	98									
MYDB99	2059	98									
MYDBA0	2102	99									
MYDBA0D	2105	98									
CCV024	2108	102									
CCB024	2111	108									
MYDBA0L	2115	101									
MYDBA0S	2118	102									
MYDBA0SRE	2121	98									
MYDBA1	2124	97									
MYDBA2	2127	98									
MYDBA3	2130	100									
MYDBA4	2134	99									
MYDBA5	2137	98									

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ICSA005	2141	101									
ICSAB005	2145	100									
CCV025	2151	101									
CCB025	2154	108									
MYDBA6	2157	101									
MYDBA7	2200	103									
MYDBA9	2203	97									
MYDBB0	2207	102									
MYDBB1	2210	99									
MYDBB2	2213	100									
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2239										
ZZZZZZ	2242										
ZZZZZZ	2245										
ZZZZZZ	2248										
ZZZZZZ	2251										
CCV026	2255	102									
CCB026	2257	106									

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 10/29/2024
 Run Batch: LB133196 End Date : 10/29/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1813	100		100							
S02	1819	99		100							
S03	1822	100		101							
S04	1826	102		103							
S05	1829	104		104							
S06	1831	103		104							
S07	1834	109		109							
S08	1837	111		102							
ICV006	1842	102		102							
ICB006	1845	102		102							
ICSA006	1849	107		105							
ICSAB006	1852	111		107							
CCV029	1855	111		106							
CCB029	1858	107		107							
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1934										
ZZZZZZ	1937										
CCV030	1940	116		111							
CCB030	1943	108		110							
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	2000										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2012										
ZZZZZZ	2016										

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 10/29/2024
 Run Batch: LB133196 End Date : 10/29/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	2019	165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	2022										
ZZZZZZ	2025										
MYDBA0	2028	104		104							
MYDBA0D	2032	103		104							
MYDBA0L	2035	100		100							
MYDBA0S	2038	103		103							
MYDBA0SRE	2041	102		101							
MYDB99	2045	106		106							
MYDBA0ARE	2048	106		107							
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
MYDB99	2110	103		104							
CCV031	2113	113		109							
CCB031	2116	106		108							

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51772
		MA No.:	SDG No.: MYDB92
Instrument ID:	P7	Start Date :	10/29/2024
Run Batch:	LB133196	End Date :	10/29/2024

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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
ZZZZZZ	2019										
ZZZZZZ	2022										
ZZZZZZ	2025										
MYDBA0	2028	101									
MYDBA0D	2032	102									
MYDBA0L	2035	104									
MYDBA0S	2038	100									
MYDBA0SRE	2041	100									
MYDB99	2045	100									
MYDBA0ARE	2048	103									
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
MYDB99	2110	104									
CCV031	2113	101									
CCB031	2116	103									

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB92
 Instrument ID: P7 Start Date : 01/08/2025
 Run Batch: LB134279 End Date : 01/08/2025

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1038	100		100							
S02	1045	102		101							
S03	1048	104		103							
S04	1051	105		103							
S05	1054	103		104							
S06	1057	101		103							
S07	1100	103		102							
S08	1102	101		92							
ICV001	1155	107		106							
ICB001	1200	104		104							
ICSA001	1203	107		103							
ICSAB001	1206	111		106							
CCV001	1209	110		103							
CCB001	1212	110		111							
PBS079	1215	112		113							
LCS079	1218	110		112							
LCSD079	1222	111		112							
MYDB99	1234	112		110							
CCV002	1237	107		101							
CCB002	1240	109		111							

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>01/08/2025</u>
Run Batch: <u>LB134279</u>	End Date : <u>01/08/2025</u>

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	1038	100									
S02	1045	101									
S03	1048	101									
S04	1051	101									
S05	1054	98									
S06	1057	97									
S07	1100	96									
S08	1102	87									
ICV001	1155	103									
ICB001	1200	102									
ICSA001	1203	98									
ICSAB001	1206	100									
CCV001	1209	93									
CCB001	1212	106									
PBS079	1215	106									
LCS079	1218	106									
LCSD079	1222	105									
MYDB99	1234	104									
CCV002	1237	94									
CCB002	1240	105									