

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYE442
 Instrument ID: P7 Start Date : 10/10/2024
 Run Batch: LB132901 End Date : 10/10/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1113	100		100							
S02	1116	101		101							
S03	1120	102		102							
S04	1123	100		99							
S05	1126	102		101							
S06	1129	102		101							
S07	1132	106		103							
S08	1134	100		90							
ICV001	1139	102		103							
ICB001	1142	103		103							
ICSA001	1146	103		98							
ICSAB001	1149	108		102							
CCV001	1152	101		94							
CCB001	1155	104		103							
PBS822	1202	103		104							
LCS822	1206	108		108							
LCSD822	1209	109		108							
ZZZZZZ	1212										
ZZZZZZ	1216										
ZZZZZZ	1219										
ZZZZZZ	1222										
ZZZZZZ	1226										
ZZZZZZ	1229										
ZZZZZZ	1232										
ZZZZZZ	1236										
ZZZZZZ	1239										
ZZZZZZ	1242										
ZZZZZZ	1246										
ZZZZZZ	1249										
ZZZZZZ	1252										
ZZZZZZ	1255										
ZZZZZZ	1259										
ZZZZZZ	1302										
ZZZZZZ	1305										
ZZZZZZ	1308										
ZZZZZZ	1311										
ZZZZZZ	1315										

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

MA No.: SDG No.: MYE442

Start Date : 10/10/2024

End Date : 10/10/2024

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Contract: 68HERH20D0011

MA No.: SDG No.: MYE442

Start Date : 10/10/2024

End Date : 10/10/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell							
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q
ZZZZZZZ	1517								
ZZZZZZZ	1520								
ZZZZZZZ	1524								
ZZZZZZZ	1527								
ZZZZZZZ	1530								
ZZZZZZZ	1533								
ZZZZZZZ	1537								
ZZZZZZZ	1540								
ZZZZZZZ	1543								
ZZZZZZZ	1546								
ZZZZZZZ	1550								
ZZZZZZZ	1553								
ZZZZZZZ	1556								
ZZZZZZZ	1559								
ZZZZZZZ	1603								
ZZZZZZZ	1606								
ZZZZZZZ	1609								
ZZZZZZZ	1612								
ZZZZZZZ	1616								
ZZZZZZZ	1619								
ZZZZZZZ	1622								
CCV004	1625	92		86					
CCB004	1628	97		100					
ZZZZZZZ	1632								
ZZZZZZZ	1635								
ZZZZZZZ	1638								
ZZZZZZZ	1641								
ZZZZZZZ	1644								
ZZZZZZZ	1648								
ZZZZZZZ	1651								
ZZZZZZZ	1654								
ZZZZZZZ	1658								
ZZZZZZZ	1701								
ZZZZZZZ	1704								
ZZZZZZZ	1707								
ZZZZZZZ	1711								
ZZZZZZZ	1714								

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	1917										
ZZZZZZ	1920										
ZZZZZZ	1923										
CCV006	1931	92		87							
CCB006	1933	96		98							
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	2000										
ZZZZZZ	2003										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2019										
ZZZZZZ	2023										
ZZZZZZ	2026										
ZZZZZZ	2029										
ZZZZZZ	2032										
ZZZZZZ	2036										
ZZZZZZ	2039										
MYD5E3	2042	85		86							
MYD5E3D	2045	86		87							
MYD5E3L	2049	86		87							
MYD5E3SRE	2052	86		85							
MYD5E3S	2055	87		87							
ZZZZZZ	2058										
CCV007	2102	86		81							
CCB007	2104	92		96							

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Instrument ID: P7	Start Date : 10/10/2024
Run Batch: LB132901	End Date : 10/10/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	1917										
ZZZZZZ	1920										
ZZZZZZ	1923										
CCV006	1931	86									
CCB006	1933	100									
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	2000										
ZZZZZZ	2003										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2019										
ZZZZZZ	2023										
ZZZZZZ	2026										
ZZZZZZ	2029										
ZZZZZZ	2032										
ZZZZZZ	2036										
ZZZZZZ	2039										
MYD5E3	2042	90									
MYD5E3D	2045	88									
MYD5E3L	2049	89									
MYD5E3SRE	2052	88									
MYD5E3S	2055	87									
ZZZZZZ	2058										
CCV007	2102	83									
CCB007	2104	95									

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYE442
 Instrument ID: P7 Start Date : 10/15/2024
 Run Batch: LB132969 End Date : 10/15/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1855	100		100							
S02	1858	100		101							
S03	1902	100		101							
S04	1905	100		100							
S05	1908	99		98							
S06	1911	96		98							
S07	1917	93		94							
S08	1919	94		85							
ICV023	1930	100		104							
ICB023	1933	101		103							
ICSA023	1937	100		97							
ICSAB023	1940	102		100							
CCV083	1943	100		95							
CCB083	1946	101		105							
ZZZZZZ	1949										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	1959										
ZZZZZZ	2003										
ZZZZZZ	2006										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2020										
ZZZZZZ	2023										
ZZZZZZ	2026										
ZZZZZZ	2030										
ZZZZZZ	2033										
ZZZZZZ	2036										
ZZZZZZ	2040										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2050										
ZZZZZZ	2053										
ZZZZZZ	2056										
ZZZZZZ	2059										
ZZZZZZ	2103										

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MA No.: SDG No.: MYE442

Start Date : 10/15/2024

End Date : 10/15/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell							
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q
ZZZZZZ	2106								
ZZZZZZ	2109								
ZZZZZZ	2112								
ZZZZZZ	2116								
ZZZZZZ	2119								
ZZZZZZ	2122								
CCV084	2126	92		86					
CCB084	2129	96		100					
ZZZZZZ	2132								
ZZZZZZ	2135								
ZZZZZZ	2139								
ZZZZZZ	2142								
ZZZZZZ	2145								
ZZZZZZ	2149								
ZZZZZZ	2152								
MYD5E3	2155	93		93					
MYD5E3D	2159	95		96					
MYD5E3L	2202	93		95					
MYD5E3S	2205	92		92					
MYD5E3SRE	2209	92		91					
MYD5E3	2212	90		92					
MYD5E3D	2215	91		93					
MYD5E3L	2218	89		92					
MYD5E3S	2222	91		91					
MYD5E3SRE	2225	91		92					
ZZZZZZ	2229								
ZZZZZZ	2232								
ZZZZZZ	2235								
ZZZZZZ	2239								
ZZZZZZ	2242								
ZZZZZZ	2245								
ZZZZZZ	2249								
ZZZZZZ	2252								
ZZZZZZ	2255								
ZZZZZZ	2259								
ZZZZZZ	2308								
ZZZZZZ	2312								

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 Run Batch: LB132969 End Date : 10/15/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	2315										
ZZZZZZ	2318										
CCV085	2325	96		91							
CCB085	2327	98		103							

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 Instrument ID: P7 Start Date : 10/15/2024
 Run Batch: LB132969 End Date : 10/15/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	2106										
ZZZZZZ	2109										
ZZZZZZ	2112										
ZZZZZZ	2116										
ZZZZZZ	2119										
ZZZZZZ	2122										
CCV084	2126	81									
CCB084	2129	101									
ZZZZZZ	2132										
ZZZZZZ	2135										
ZZZZZZ	2139										
ZZZZZZ	2142										
ZZZZZZ	2145										
ZZZZZZ	2149										
ZZZZZZ	2152										
MYD5E3	2155	96									
MYD5E3D	2159	96									
MYD5E3L	2202	96									
MYD5E3S	2205	93									
MYD5E3SRE	2209	83									
MYD5E3	2212	93									
MYD5E3D	2215	95									
MYD5E3L	2218	95									
MYD5E3S	2222	94									
MYD5E3SRE	2225	90									
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2239										
ZZZZZZ	2242										
ZZZZZZ	2245										
ZZZZZZ	2249										
ZZZZZZ	2252										
ZZZZZZ	2255										
ZZZZZZ	2259										
ZZZZZZ	2308										
ZZZZZZ	2312										

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
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 Instrument ID: P7 Start Date : 10/15/2024
 Run Batch: LB132969 End Date : 10/15/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
ZZZZZZ	2315										
ZZZZZZ	2318										
CCV085	2325	81									
CCB085	2327	102									

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYE442
 Instrument ID: P7 Start Date : 10/17/2024
 Run Batch: LB132992 End Date : 10/17/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1619	100		100							
S02	1623	101		100							
S03	1626	102		101							
S04	1629	102		101							
S05	1633	102		101							
S06	1636	103		100							
S07	1641	108		104							
S08	1644	100		90							
ICV024	1703	107		107							
ICB024	1717	104		104							
ICSA024	1720	106		100							
ICSAB024	1723	109		103							
CCV088	1804	105		96							
CCB088	1807	108		109							
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1832										
ZZZZZZ	1835										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1845										
ZZZZZZ	1848										
ZZZZZZ	1851										
CCV089	1855	103		94							
CCB089	1858	106		105							
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1908										
ZZZZZZ	1916										
ZZZZZZ	1920										
ZZZZZZ	1922										
ZZZZZZ	1926										
CCV090	1929	105		96							
CCB090	1935	106		106							
ZZZZZZ	1947										
ZZZZZZ	2002										
ZZZZZZ	2005										

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
ZZZZZZ	2009										
ZZZZZZ	2016										
ZZZZZZ	2047										
ZZZZZZ	2050										
ZZZZZZ	2054										
ZZZZZZ	2059										
CCV091	2105	101		92							
CCB091	2107	104		104							
ZZZZZZ	2111										
MYD5E3ARE	2115	107		104							
ZZZZZZ	2122										
ZZZZZZ	2125										
ZZZZZZ	2143										
ZZZZZZ	2147										
ZZZZZZ	2150										
ZZZZZZ	2153										
ZZZZZZ	2157										
ZZZZZZ	2200										
ZZZZZZ	2203										
ZZZZZZ	2206										
ZZZZZZ	2210										
ZZZZZZ	2213										
ZZZZZZ	2216										
ZZZZZZ	2220										
ZZZZZZ	2223										
ZZZZZZ	2227										
ZZZZZZ	2230										
CCV092	2241	96		88							
CCB092	2248	102		101							

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYE442
 Instrument ID: P7 Start Date : 10/17/2024
 Run Batch: LB132992 End Date : 10/17/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
S0	1619	100									
S02	1623	104									
S03	1626	105									
S04	1629	105									
S05	1633	104									
S06	1636	106									
S07	1641	99									
S08	1644	84									
ICV024	1703	106									
ICB024	1717	110									
ICSA024	1720	105									
ICSAB024	1723	106									
CCV088	1804	88									
CCB088	1807	113									
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1832										
ZZZZZZ	1835										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1845										
ZZZZZZ	1848										
ZZZZZZ	1851										
CCV089	1855	88									
CCB089	1858	105									
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1908										
ZZZZZZ	1916										
ZZZZZZ	1920										
ZZZZZZ	1922										
ZZZZZZ	1926										
CCV090	1929	89									
CCB090	1935	111									
ZZZZZZ	1947										
ZZZZZZ	2002										
ZZZZZZ	2005										

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