

FORM 14-IN

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.: MYD9Z9
 Instrument ID: P7 Start Date : 10/23/2024
 Run Batch: LB133092 End Date : 10/23/2024

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	1608	100		100		100		100		100	
S02	1611	102		101		101		100		101	
S03	1615	104		100		100		101		100	
S04	1618	110		98		100		98		101	
S05	1621	111		98		101		97		101	
S06	1623	112		96		100		97		101	
S07	1626	108		97		100		95		100	
S08	1629	102		94		94		84		96	
ICV001	1654	103		101		99		98		96	
ICB001	1712	101		99		97		98		95	
ICSA001	1715	105		97		97		92		98	
ICSAB001	1718	105		99		99		93		100	
CCV001	1721	106		97		97		90		98	
CCB001	1724	112		98		99		99		99	
PBS027	1727	110		101		101		101		100	
LCS027	1731	108		99		101		100		100	
LCSD027	1734	111		100		101		101		100	
ZZZZZZ	1737										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1806										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										

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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
ZZZZZZ	1846										
CCV002	1849	102		96		98		91		99	
CCB002	1852	107		97		99		100		101	
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1925										
ZZZZZZ	1928										
ZZZZZZ	1931										
ZZZZZZ	1934										
ZZZZZZ	1938										
MYD9Z9	1941	101		106		102		94		99	
MYDA00	1944	99		102		102		94		99	
MYDA01	1947	99		105		102		94		100	
MYDA02	1950	97		104		102		94		99	
MYDA03	1953	98		102		102		96		100	
MYDA04	1956	93		105		105		94		101	
MYDA05	1959	93		103		103		95		100	
MYDA05D	2002	95		103		105		96		102	
MYDA05L	2005	100		98		101		98		100	
MYDA05S	2009	98		103		103		97		100	
MYDA05SRE	2012	96		102		102		95		100	
CCV003	2029	102		92		93		86		93	
CCB003	2032	109		95		96		96		97	
MYDA06	2036	101		103		103		96		99	
MYDA07	2039	105		103		101		93		98	
MYDA08	2042	105		103		100		93		97	
MYDA09	2045	103		100		100		94		98	
MYDA10	2048	102		101		101		94		97	
MYDA11	2051	98		108		101		93		99	
MYDA12	2054	100		98		100		95		99	
MYDA13	2057	97		106		103		94		99	
MYDA14	2100	103		101		102		95		99	
MYDA15	2103	101		98		99		94		99	
MYDA16	2107	98		99		106		94		98	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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
MYDA17	2110	95		99		100		95		99	
MYDA18	2113	97		97		101		94		98	
ZZZZZZ	2116										
ZZZZZZ	2119										
ZZZZZZ	2122										
ZZZZZZ	2125										
ZZZZZZ	2128										
ICSA002	2131	98		91		94		90		97	
ICSAB002	2135	99		93		96		92		98	
CCV004	2138	103		92		95		87		95	
CCB004	2140	112		92		96		96		97	

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 Run Batch: LB133092 End Date : 10/23/2024

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	1608	100		100		100		100		100	
S02	1611	100		101		100		101		100	
S03	1615	98		99		99		99		101	
S04	1618	97		99		98		101		101	
S05	1621	97		99		97		99		102	
S06	1623	95		97		95		101		100	
S07	1626	95		97		93		100		101	
S08	1629	95		98		87		99		99	
ICV001	1654	101		101		100		100		99	
ICB001	1712	101		101		100		99		97	
ICSA001	1715	98		99		93		100		100	
ICSAB001	1718	99		99		94		100		102	
CCV001	1721	95		97		91		100		100	
CCB001	1724	97		101		100		102		103	
PBS027	1727	99		102		102		103		103	
LCS027	1731	100		101		101		102		102	
LCSD027	1734	100		102		101		103		102	
ZZZZZZ	1737										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1806										
ZZZZZZ	1809										
ZZZZZZ	1812										
ZZZZZZ	1815										
ZZZZZZ	1818										
ZZZZZZ	1821										
ZZZZZZ	1824										
ZZZZZZ	1828										
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										

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 Instrument ID: P7 Start Date : 10/23/2024
 Run Batch: LB133092 End Date : 10/23/2024

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
ZZZZZZ	1846										
CCV002	1849	93		97		90		101		100	
CCB002	1852	95		99		100		101		102	
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1925										
ZZZZZZ	1928										
ZZZZZZ	1931										
ZZZZZZ	1934										
ZZZZZZ	1938										
MYD9Z9	1941	104		101		94		98		99	
MYDA00	1944	103		100		94		99		99	
MYDA01	1947	104		101		94		99		99	
MYDA02	1950	107		103		97		101		102	
MYDA03	1953	102		101		96		99		99	
MYDA04	1956	106		103		94		98		99	
MYDA05	1959	102		102		96		100		100	
MYDA05D	2002	103		102		97		101		101	
MYDA05L	2005	97		99		100		102		102	
MYDA05S	2009	101		101		95		99		99	
MYDA05SRE	2012	94		95		89		92		93	
CCV003	2029	89		92		87		97		97	
CCB003	2032	91		96		98		99		99	
MYDA06	2036	102		101		95		101		99	
MYDA07	2039	100		101		94		98		99	
MYDA08	2042	100		99		94		97		98	
MYDA09	2045	97		97		92		98		98	
MYDA10	2048	99		100		94		98		98	
MYDA11	2051	106		100		94		99		98	
MYDA12	2054	97		101		96		99		98	
MYDA13	2057	105		101		95		99		98	
MYDA14	2100	100		100		96		100		100	
MYDA15	2103	97		98		96		99		99	
MYDA16	2107	98		103		94		98		97	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD9Z9
 Instrument ID: P7 Start Date : 10/23/2024
 Run Batch: LB133092 End Date : 10/23/2024

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
MYDA17	2110	97		100		95		98		98	
MYDA18	2113	95		101		95		99		99	
ZZZZZZ	2116										
ZZZZZZ	2119										
ZZZZZZ	2122										
ZZZZZZ	2125										
ZZZZZZ	2128										
ICSA002	2131	90		93		90		97		98	
ICSAB002	2135	91		94		91		99		98	
CCV004	2138	86		90		86		96		97	
CCB004	2140	87		94		96		99		100	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD9Z9
 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

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	1220	100		100		100		100		100	
S02	1224	102		100		100		101		102	
S03	1227	104		102		103		103		105	
S04	1230	106		96		97		97		104	
S05	1233	107		95		98		97		105	
S06	1236	109		96		99		97		107	
S07	1238	107		97		99		96		109	
S08	1241	101		94		95		87		104	
ICV003	1256	102		100		100		101		104	
ICB003	1259	106		104		104		105		107	
ICSA003	1303	102		97		98		94		104	
ICSAB003	1306	100		99		100		96		107	
CCV007	1312	100		99		100		93		106	
CCB007	1315	100		97		99		100		105	
MYDA05	1318	100		103		104		102		106	
MYDA05D	1322	100		106		106		104		107	
MYDA05L	1325	100		102		102		102		105	
MYDA05S	1328	100		105		104		103		106	
MYDA05SRE	1331	99		103		104		102		105	
ZZZZZZ	1334										
ZZZZZZ	1338										
ZZZZZZ	1341										
ZZZZZZ	1344										
ZZZZZZ	1347										
ZZZZZZ	1350										
ZZZZZZ	1353										
ZZZZZZ	1356										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1406										
CCV008	1409	104		95		97		91		105	
CCB008	1412	103		95		97		99		102	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYD9Z9
 Instrument ID: P7 Start Date : 10/24/2024
 Run Batch: LB133117 End Date : 10/24/2024

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	1220	100		100		100		100		100	
S02	1224	100		100		100		101		100	
S03	1227	99		100		101		104		104	
S04	1230	94		97		97		103		104	
S05	1233	94		97		99		104		108	
S06	1236	94		97		97		107		106	
S07	1238	95		97		96		107		108	
S08	1241	95		97		88		102		103	
ICV003	1256	101		102		102		105		106	
ICB003	1259	103		105		105		106		107	
ICSA003	1303	97		99		94		104		105	
ICSAB003	1306	99		101		97		105		106	
CCV007	1312	98		98		93		104		106	
CCB007	1315	97		99		101		104		105	
MYDA05	1318	107		106		104		106		106	
MYDA05D	1322	106		105		103		105		107	
MYDA05L	1325	102		103		103		105		106	
MYDA05S	1328	105		105		103		106		106	
MYDA05SRE	1331	104		103		101		104		104	
ZZZZZZ	1334										
ZZZZZZ	1338										
ZZZZZZ	1341										
ZZZZZZ	1344										
ZZZZZZ	1347										
ZZZZZZ	1350										
ZZZZZZ	1353										
ZZZZZZ	1356										
ZZZZZZ	1400										
ZZZZZZ	1403										
ZZZZZZ	1406										
CCV008	1409	96		95		91		101		104	
CCB008	1412	95		97		99		103		103	