

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.: MYDB73
 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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
S0	1322	100		100		100		100		100	
S02	1326	98		99		99		99		99	
S03	1329	96		97		97		98		98	
S04	1332	102		99		100		99		101	
S05	1335	109		100		101		99		103	
S06	1338	113		100		103		100		104	
S07	1341	116		99		103		99		105	
S08	1344	112		99		99		91		103	
ICV003	1403	104		100		100		99		101	
ICB003	1406	101		98		98		97		98	
ICSA004	1410	107		99		102		98		105	
ICSAB004	1413	108		104		105		100		107	
CCV018	1416	106		102		105		97		107	
CCB018	1419	109		102		104		103		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	98		98		102		95		105	
CCB019	1535	97		101		102		102		104	
ZZZZZZ	1539										
ZZZZZZ	1542										

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB73
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 Run Batch: LB133179 End Date : 10/28/2024

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	1545										
PBS271	1549	92		98		100		101		102	
LCS271	1552	95		101		101		102		104	
LCSD271	1555	97		100		103		102		104	
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
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	99		99		104		96		106	
CCB020	1658	101		98		101		102		106	
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										
CCV021	1743	92		97		103		94		104	
CCB021	1745	96		99		103		103		106	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
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 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 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
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	99		98		102		96		106	
CCB022	1837	105		102		105		106		110	
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1851										
ZZZZZZ	1854										
ZZZZZZ	1857										
ZZZZZZ	1900										
ZZZZZZ	1903										
ZZZZZZ	1907										
ZZZZZZ	1910										
MYDB73	1913	84		102		109		97		103	
MYDB74	1916	86		101		109		98		102	
MYDB75	1919	84		99		106		96		102	
MYDB76	1923	83		98		106		94		101	
MYDB77	1926	81		99		107		96		101	
MYDB78	1929	78		99		106		98		103	
MYDB79	1932	80		102		108		97		102	
MYDB80	1935	83		101		108		99		104	
CCV023	1939	99		99		104		98		108	
CCB023	1941	101		98		103		102		107	
MYDB81	1945	88		98		104		94		99	
MYDB82	1948	82		101		108		98		103	

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 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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
MYDB83	1951	81		101		109		98		103	
MYDB84	1955	81		98		104		101		106	
MYDB85	1958	83		99		107		96		101	
MYDB86	2001	84		99		108		98		102	
MYDB87	2004	85		100		108		98		101	
MYDB88	2008	79		97		104		94		98	
MYDB88D	2011	83		99		108		98		103	
MYDB88L	2014	83		94		99		96		100	
MYDB88S	2017	86		99		108		98		102	
MYDB88SRE	2021	83		96		104		94		100	
MYDB89	2024	85		98		104		95		100	
MYDB90	2027	81		97		106		95		101	
MYDB91	2030	84		98		108		95		101	
MYDBA8	2033	86		99		105		97		102	
ZZZZZZ	2036										
ZZZZZZ	2040										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2056										
ZZZZZZ	2059										
ZZZZZZ	2102										
ZZZZZZ	2105										
CCV024	2108	96		97		104		98		107	
CCB024	2111	100		98		102		102		108	

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 Run Batch: LB133179 End Date : 10/28/2024

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	1322	100		100		100		100		100	
S02	1326	100		100		99		101		102	
S03	1329	99		99		99		101		101	
S04	1332	100		100		99		102		105	
S05	1335	99		100		100		104		107	
S06	1338	100		100		100		107		109	
S07	1341	97		98		97		107		108	
S08	1344	99		100		92		106		107	
ICV003	1403	100		100		101		102		103	
ICB003	1406	97		98		98		100		100	
ICSA004	1410	102		104		100		109		110	
ICSAB004	1413	104		104		102		110		111	
CCV018	1416	102		104		98		107		109	
CCB018	1419	99		102		104		107		108	
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	97		100		96		106		106	
CCB019	1535	98		102		102		104		105	
ZZZZZZ	1539										
ZZZZZZ	1542										

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB73
 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	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1545										
PBS271	1549	98		100		101		103		105	
LCS271	1552	99		101		102		105		105	
LCSD271	1555	99		101		102		103		105	
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
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	98		101		97		106		108	
CCB020	1658	95		99		101		103		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										
CCV021	1743	95		98		95		104		106	
CCB021	1745	95		99		102		105		107	

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 Run Batch: LB133179 End Date : 10/28/2024

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	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	95		97		96		107		108	
CCB022	1837	94		99		102		106		106	
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1851										
ZZZZZZ	1854										
ZZZZZZ	1857										
ZZZZZZ	1900										
ZZZZZZ	1903										
ZZZZZZ	1907										
ZZZZZZ	1910										
MYDB73	1913	101		106		99		103		105	
MYDB74	1916	99		107		99		103		105	
MYDB75	1919	98		106		98		101		104	
MYDB76	1923	98		105		98		102		103	
MYDB77	1926	98		104		97		101		102	
MYDB78	1929	98		104		98		101		103	
MYDB79	1932	100		108		99		102		103	
MYDB80	1935	94		101		94		98		99	
CCV023	1939	93		98		95		106		108	
CCB023	1941	92		97		102		106		106	
MYDB81	1945	96		103		96		100		101	
MYDB82	1948	99		107		100		103		104	

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDB73
 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	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
MYDB83	1951	101		107		98		102		104	
MYDB84	1955	100		106		100		104		104	
MYDB85	1958	98		105		98		101		103	
MYDB86	2001	97		105		98		102		103	
MYDB87	2004	97		105		96		101		102	
MYDB88	2008	97		107		100		102		103	
MYDB88D	2011	98		106		98		104		104	
MYDB88L	2014	93		100		98		102		103	
MYDB88S	2017	98		106		98		104		104	
MYDB88SRE	2021	95		104		96		101		101	
MYDB89	2024	95		101		96		100		101	
MYDB90	2027	96		105		97		100		102	
MYDB91	2030	98		105		97		102		103	
MYDBA8	2033	96		104		97		102		104	
ZZZZZZ	2036										
ZZZZZZ	2040										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2056										
ZZZZZZ	2059										
ZZZZZZ	2102										
ZZZZZZ	2105										
CCV024	2108	92		98		96		107		109	
CCB024	2111	91		98		102		106		108	

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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.: MYDB73
 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
		6Li		45Sc		89Y		103Rh		159Tb	
S0	1813	100		100		100		100		100	
S02	1819	101		100		99		98		100	
S03	1822	100		100		99		98		100	
S04	1826	102		101		101		99		101	
S05	1829	103		102		102		100		104	
S06	1831	106		99		101		98		104	
S07	1834	114		105		107		102		110	
S08	1837	118		107		106		97		110	
ICV006	1842	105		104		102		101		104	
ICB006	1845	103		101		100		100		101	
ICSA006	1849	111		107		104		99		107	
ICSAB006	1852	107		107		107		103		111	
CCV029	1855	102		109		110		102		112	
CCB029	1858	100		105		105		106		108	
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	118		114		113		105		114	
CCB030	1943	110		106		105		104		107	
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	2000										
ZZZZZZ	2006										
MYDB88	2009	99		100		102		100		105	
MYDB88D	2012	98		102		103		102		106	
MYDB88L	2016	101		100		101		100		103	
MYDB88S	2019	99		101		104		99		102	

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
MYDB88SRE	2022	100		101		103		99		102	
MYDB88ARE	2025	98		108		113		100		105	
ZZZZZZ	2028										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV031	2113	112		108		109		103		112	
CCB031	2116	102		104		104		104		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.: MYDB73
 Instrument ID: P7 Start Date : 10/29/2024
 Run Batch: LB133196 End Date : 10/29/2024

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	1813	100		100		100		100		100	
S02	1819	99		98		99		100		98	
S03	1822	101		99		100		102		101	
S04	1826	100		101		100		99		101	
S05	1829	101		99		100		103		102	
S06	1831	102		102		101		106		106	
S07	1834	104		103		101		109		108	
S08	1837	107		104		99		109		108	
ICV006	1842	102		101		102		102		102	
ICB006	1845	101		102		102		103		101	
ICSA006	1849	105		104		101		107		107	
ICSAB006	1852	108		106		104		110		109	
CCV029	1855	110		106		102		108		109	
CCB029	1858	105		104		105		105		105	
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	110		106		104		111		110	
CCB030	1943	101		101		102		104		103	
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	2000										
ZZZZZZ	2006										
MYDB88	2009	100		101		101		102		103	
MYDB88D	2012	102		103		100		103		103	
MYDB88L	2016	99		101		101		103		102	
MYDB88S	2019	100		102		101		102		101	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P7	Start Date : 10/29/2024
Run Batch: LB133196	End Date : 10/29/2024

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
MYDB88SRE	2022	101		101		100		102		102	
MYDB88ARE	2025	108		111		100		103		103	
ZZZZZZ	2028										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV031	2113	107		105		100		109		108	
CCB031	2116	102		102		103		104		104	