

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.: MYD4Q9
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

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	1551	100		100		100		100		100	
S02	1554	101		99		99		98		99	
S03	1558	103		101		101		100		103	
S04	1601	100		96		97		95		100	
S05	1604	100		92		94		92		99	
S06	1607	97		87		91		87		97	
S07	1609	95		85		90		85		98	
S08	1612	88		82		84		74		90	
ICV010	1618	100		91		93		91		97	
ICB010	1622	101		92		95		94		99	
ICSA010	1625	96		87		91		85		98	
ICSAB010	1628	96		89		93		87		100	
CCV021	1631	93		87		90		82		97	
CCB021	1634	98		90		93		92		98	
PBS703	1637	100		93		95		95		100	
LCS703	1641	99		93		95		95		98	
LCSD703	1644	96		91		92		92		95	
ZZZZZZ	1647										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1657										
ZZZZZZ	1701										
ZZZZZZ	1704										
ZZZZZZ	1707										
ZZZZZZ	1711										
ZZZZZZ	1714										
MYD4Q8	1717	104		106		109		99		104	
MYD4Q9	1720	103		100		105		97		103	
MYD4R0	1723	103		99		105		96		103	
MYD4R1	1727	101		98		103		96		103	
MYD4R2	1730	102		100		105		95		102	
MYD4R3	1733	99		98		105		94		102	
MYD4R4	1736	98		96		103		93		101	
MYD4R5	1739	97		95		101		91		99	
MYD4R6	1743	97		96		102		94		100	
MYD4R7	1746	98		95		101		93		100	
MYD4R7D	1749	96		94		101		93		99	
MYD4R7L	1752	96		89		95		93		98	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD4Q9
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

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	
MYD4R7S	1755	95		93		100		92		99	
MYD4R7SRE	1758	95		91		98		90		98	
MYD4R8	1801	93		90		99		90		98	
CCV022	1805	85		80		86		79		93	
CCB022	1807	93		86		92		91		98	
MYD4R7S	1811	98		96		103		95		103	
MYD4R7	1814	98		95		102		94		103	
MYD4R8	1817	96		94		102		92		100	
MYD4R9	1820	94		93		100		93		101	
MYD4S0	1826	95		95		102		95		100	
MYD4S1	1829	94		94		101		93		100	
MYD4S2	1837	94		94		101		92		99	
MYD4S3	1840	93		91		102		90		99	
MYD4S4	1843	93		91		101		89		98	
MYD4S5	1846	92		91		99		90		98	
MYD4S6	1849	93		92		101		91		99	
MYD4S7	1852	93		91		99		91		98	
ZZZZZZ	1856										
ZZZZZZ	1859										
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1933										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
CCV023	1949	84		78		85		78		93	
CCB023	1952	89		82		88		88		95	
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										

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 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD4Q9
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

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	2005										
ZZZZZZ	2008										
ZZZZZZ	2011										
ZZZZZZ	2014										
ZZZZZZ	2017										
ZZZZZZ	2020										
ZZZZZZ	2024										
ZZZZZZ	2027										
ZZZZZZ	2030										
ZZZZZZ	2033										
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2043										
ZZZZZZ	2046										
ZZZZZZ	2049										
ZZZZZZ	2052										
ZZZZZZ	2055										
ZZZZZZ	2058										
ZZZZZZ	2102										
ZZZZZZ	2105										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2117										
ZZZZZZ	2121										
ZZZZZZ	2124										
CCV024	2133	80		76		84		77		91	
CCB024	2136	85		78		85		85		93	
ZZZZZZ	2139										
ZZZZZZ	2142										
ZZZZZZ	2145										
ZZZZZZ	2149										
ZZZZZZ	2152										
ZZZZZZ	2155										
ZZZZZZ	2158										
ZZZZZZ	2201										
ZZZZZZ	2204										
ZZZZZZ	2207										

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 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

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	2210										
ZZZZZZ	2213										
ZZZZZZ	2216										
ZZZZZZ	2220										
ZZZZZZ	2223										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2244										
ZZZZZZ	2247										
CCV025	2251	71		67		76		70		85	
CCB025	2253	80		74		82		83		92	
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2306										
CCV026	2309	75		72		80		74		89	
CCB026	2312	82		75		84		84		93	
MYD4R7	2315	82		79		87		86		94	
MYD4R7D	2318	84		81		89		87		95	
MYD4R7L	2322	83		80		87		87		94	
MYD4R7S	2325	85		82		89		87		95	
MYD4R7SRE	2328	83		80		89		87		95	
ZZZZZZ	2331										
ZZZZZZ	2335										
ZZZZZZ	2338										
ZZZZZZ	2341										
ZZZZZZ	2344										
ZZZZZZ	2347										
ZZZZZZ	2351										
ZZZZZZ	2354										
ZZZZZZ	2357										
ZZZZZZ	0000										
ZZZZZZ	0004										
ZZZZZZ	0007										

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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.: MYD4Q9
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

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	
ZZZZZZ	0010										
ZZZZZZ	0013										
ZZZZZZ	0017										
ZZZZZZ	0020										
ZZZZZZ	0023										
ZZZZZZ	0026										
CCV027	0029	68		65		73		67		82	
CCB027	0032	78		72		80		80		89	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD4Q9
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		45Sc		89Y		103Rh		159Tb		165Ho	
S0	1551	100		100		100		100		100	
S02	1554	99		99		99		100		100	
S03	1558	98		97		97		100		99	
S04	1601	94		94		94		98		99	
S05	1604	89		90		89		97		98	
S06	1607	85		88		86		95		96	
S07	1609	84		87		84		96		96	
S08	1612	84		84		76		90		92	
ICV010	1618	91		93		94		98		98	
ICB010	1622	93		93		94		98		99	
ICSA010	1625	88		90		86		98		98	
ICSAB010	1628	89		92		88		99		99	
CCV021	1631	87		88		82		96		95	
CCB021	1634	90		92		93		97		98	
PBS703	1637	92		94		95		98		98	
LCS703	1641	93		94		94		98		98	
LCSD703	1644	94		96		96		97		98	
ZZZZZZ	1647										
ZZZZZZ	1651										
ZZZZZZ	1654										
ZZZZZZ	1657										
ZZZZZZ	1701										
ZZZZZZ	1704										
ZZZZZZ	1707										
ZZZZZZ	1711										
ZZZZZZ	1714										
MYD4Q8	1717	103		105		97		102		102	
MYD4Q9	1720	99		104		96		101		102	
MYD4R0	1723	100		104		96		102		101	
MYD4R1	1727	97		101		95		101		102	
MYD4R2	1730	99		103		95		101		101	
MYD4R3	1733	97		102		93		99		100	
MYD4R4	1736	96		100		92		98		99	
MYD4R5	1739	96		101		93		98		99	
MYD4R6	1743	96		101		93		99		99	
MYD4R7	1746	95		100		93		99		99	
MYD4R7D	1749	94		99		93		98		99	
MYD4R7L	1752	90		94		93		96		97	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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[illegible]

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Run Batch: LB132762 End Date : 10/04/2024

[illegible]

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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.: MYD4Q9
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

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	2210										
ZZZZZZ	2213										
ZZZZZZ	2216										
ZZZZZZ	2220										
ZZZZZZ	2223										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2244										
ZZZZZZ	2247										
CCV025	2251	70		76		72		86		87	
CCB025	2253	76		82		85		91		91	
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2306										
CCV026	2309	71		77		73		88		88	
CCB026	2312	76		82		85		91		92	
MYD4R7	2315	81		88		88		94		94	
MYD4R7D	2318	82		89		88		95		95	
MYD4R7L	2322	81		87		88		93		94	
MYD4R7S	2325	82		89		89		95		95	
MYD4R7SRE	2328	77		83		84		89		90	
ZZZZZZ	2331										
ZZZZZZ	2335										
ZZZZZZ	2338										
ZZZZZZ	2341										
ZZZZZZ	2344										
ZZZZZZ	2347										
ZZZZZZ	2351										
ZZZZZZ	2354										
ZZZZZZ	2357										
ZZZZZZ	0000										
ZZZZZZ	0004										
ZZZZZZ	0007										

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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.: MYD4Q9
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 End Date : 10/04/2024

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	0010										
ZZZZZZ	0013										
ZZZZZZ	0017										
ZZZZZZ	0020										
ZZZZZZ	0023										
ZZZZZZ	0026										
CCV027	0029	67		73		69		83		84	
CCB027	0032	74		80		82		89		89	

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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.: MYD4Q9
 Instrument ID: P7 Start Date : 10/14/2024
 Run Batch: LB132954 End Date : 10/14/2024

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	1352	100		100		100		100		100	
S02	1355	101		101		102		102		102	
S03	1359	101		102		101		101		102	
S04	1402	101		101		102		99		103	
S05	1405	100		99		100		98		103	
S06	1408	98		97		99		96		102	
S07	1411	96		97		100		94		103	
S08	1414	92		92		92		82		95	
ICV022	1428	102		103		102		102		103	
ICB022	1432	100		100		102		102		102	
ICSA022	1438	94		94		96		91		100	
ICSAB022	1443	94		96		99		93		103	
CCV079	1454	93		97		99		91		101	
CCB079	1458	95		95		99		99		102	
ZZZZZZ	1503										
ZZZZZZ	1507										
MYD4R7ARE	1510	100		110		113		103		107	
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1526										
ZZZZZZ	1530										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1543										
ZZZZZZ	1546										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1603										
ZZZZZZ	1606										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1616										
ZZZZZZ	1619										

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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.: MYD4Q9
 Instrument ID: P7 Start Date : 10/14/2024
 Run Batch: LB132954 End Date : 10/14/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
ZZZZZZ	1623										
CCV080	1626	88		89		91		83		95	
CCB080	1629	93		92		95		95		97	

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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.: MYD4Q9
 Instrument ID: P7 Start Date : 10/14/2024
 Run Batch: LB132954 End Date : 10/14/2024

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	1352	100		100		100		100		100	
S02	1355	100		100		101		101		100	
S03	1359	101		102		101		103		103	
S04	1402	98		99		98		101		101	
S05	1405	97		99		97		101		101	
S06	1408	95		98		95		101		101	
S07	1411	95		97		92		101		100	
S08	1414	92		91		81		93		95	
ICV022	1428	101		103		102		102		102	
ICB022	1432	100		101		102		100		101	
ICSA022	1438	94		96		90		99		100	
ICSAB022	1443	96		98		92		100		102	
CCV079	1454	95		97		89		100		99	
CCB079	1458	92		95		96		96		97	
ZZZZZZ	1503										
ZZZZZZ	1507										
MYD4R7ARE	1510	107		112		99		103		103	
ZZZZZZ	1513										
ZZZZZZ	1516										
ZZZZZZ	1520										
ZZZZZZ	1523										
ZZZZZZ	1526										
ZZZZZZ	1530										
ZZZZZZ	1533										
ZZZZZZ	1536										
ZZZZZZ	1539										
ZZZZZZ	1543										
ZZZZZZ	1546										
ZZZZZZ	1550										
ZZZZZZ	1553										
ZZZZZZ	1556										
ZZZZZZ	1559										
ZZZZZZ	1603										
ZZZZZZ	1606										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1616										
ZZZZZZ	1619										

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 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD4Q9
 Instrument ID: P7 Start Date : 10/14/2024
 Run Batch: LB132954 End Date : 10/14/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1623										
CCV080	1626	90		91		84		95		95	
CCB080	1629	91		94		94		96		97	