

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.: MYD5N0
 Instrument ID: P8 Start Date : 10/04/2024
 Run Batch: LB132794 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	1401	100		100		100		100		100	
S02	1404	100		103		101		99		102	
S03	1408	101		102		102		98		102	
S04	1411	99		101		101		97		100	
S05	1414	98		101		101		95		102	
S06	1417	97		100		100		93		100	
S07	1420	97		101		100		90		100	
S08	1423	76		83		84		69		84	
ICV002	1427	101		104		104		101		101	
ICB002	1430	102		106		104		103		102	
ICSA002	1434	97		103		101		90		99	
ICSAB002	1437	103		106		105		94		102	
CCV006	1440	95		101		100		86		97	
CCB006	1443	109		117		113		109		109	
ZZZZZZ	1448										
CCV007	1451	95		101		100		86		97	
CCB007	1454	109		115		113		110		109	
ZZZZZZ	1459										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1509										
ZZZZZZ	1512										
ZZZZZZ	1515										
PBS797	1519	108		111		109		108		106	
LCS797	1522	108		113		111		108		108	
LCSD797	1525	109		114		111		108		108	
ZZZZZZ	1534										
ZZZZZZ	1537										
ZZZZZZ	1540										
ZZZZZZ	1543										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
ZZZZZZ	1610										
ZZZZZZ	1613										
ZZZZZZ	1617										
ZZZZZZ	1620										
ZZZZZZ	1623										
CCV008	1626	83		89		89		77		90	
CCB008	1629	90		96		98		95		100	
ZZZZZZ	1632										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1644										
ZZZZZZ	1648										
ZZZZZZ	1651										
ZZZZZZ	1653										
ZZZZZZ	1657										
ZZZZZZ	1700										
ZZZZZZ	1703										
ZZZZZZ	1706										
ZZZZZZ	1709										
ZZZZZZ	1712										
ZZZZZZ	1715										
ZZZZZZ	1719										
ZZZZZZ	1722										
ZZZZZZ	1725										
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1737										
ZZZZZZ	1740										
ZZZZZZ	1743										
ZZZZZZ	1746										
ZZZZZZ	1749										
CCV009	1752	75		82		85		73		88	
CCB009	1755	79		89		91		90		97	
ZZZZZZ	1759										
ZZZZZZ	1802										
ZZZZZZ	1805										

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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	1808										
ZZZZZZ	1811										
ZZZZZZ	1814										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1823										
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1833										
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1842										
ZZZZZZ	1845										
ZZZZZZ	1848										
ZZZZZZ	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
MYD5K5	1901	74		89		92		83		95	
MYD5K5D	1904	73		88		92		83		95	
MYD5K5L	1907	70		82		88		85		95	
MYD5K5S	1910	70		85		89		80		92	
MYD5K5SRE	1913	68		83		87		79		90	
MYD5N0	1916	67		85		87		77		91	
MYD5N1	1919	66		84		87		77		90	
CCV010	1926	68		78		81		70		85	
CCB010	1929	72		82		86		85		91	
MYD5N2	1932	77		90		94		84		94	
MYD5N3	1935	75		90		94		84		96	
MYD5N4	1939	74		88		93		82		95	
MYD5N5	1942	69		84		89		80		92	
MYD5N6	1945	68		85		90		81		92	
MYD5N7	1948	66		82		89		79		92	
MYD5N8	1951	65		81		87		79		91	
MYD5N9	1954	65		82		87		78		91	
MYD5P0	1957	64		81		88		78		92	
MYD5P1	2000	62		79		86		76		89	
MYD5P2	2003	62		75		84		77		88	
MYD5P3	2006	62		78		86		78		91	

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
MYD5P4	2010	63		80		85		76		89	
MYD5P5	2013	62		77		86		79		91	
MYD5P6	2016	61		78		86		76		90	
MYD5P7	2019	62		80		86		75		88	
MYD5P8	2022	60		76		83		73		87	
MYD5K5	2025	57	*	71		79		75		87	
MYD5K5D	2028	57	*	70		79		75		87	
MYD5K5L	2031	56	*	68		77		76		85	
MYD5K5S	2035	57	*	71		79		76		87	
MYD5K5SRE	2038	55	*	70		78		74		85	
MYD5N4	2041	55	*	70		78		73		85	
MYD5N5	2044	55	*	70		78		73		85	
MYD5P8	2047	55	*	70		77		73		84	
CCV011	2050	62		72		77		67		82	
CCB011	2053	63		75		81		79		88	

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 Run Batch: LB132794 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
S0	1401	100		100		100		100		100	
S02	1404	100		99		98		102		100	
S03	1408	99		101		98		101		100	
S04	1411	100		100		96		103		100	
S05	1414	99		99		95		101		100	
S06	1417	98		99		92		100		99	
S07	1420	98		100		89		100		99	
S08	1423	92		95		73		89		90	
ICV002	1427	108		110		106		109		109	
ICB002	1430	108		109		106		107		106	
ICSA002	1434	106		104		93		103		102	
ICSAB002	1437	109		107		94		105		103	
CCV006	1440	106		105		87		99		99	
CCB006	1443	115		115		112		112		111	
ZZZZZZ	1448										
CCV007	1451	107		107		88		100		99	
CCB007	1454	117		117		113		113		112	
ZZZZZZ	1459										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1509										
ZZZZZZ	1512										
ZZZZZZ	1515										
PBS797	1519	112		113		109		109		108	
LCS797	1522	113		112		109		110		109	
LCSD797	1525	114		113		111		112		109	
ZZZZZZ	1534										
ZZZZZZ	1537										
ZZZZZZ	1540										
ZZZZZZ	1543										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
ZZZZZZ	1607										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Run Batch: LB132794 End Date : 10/04/2024

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 Run Batch: LB132794 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	1808										
ZZZZZZ	1811										
ZZZZZZ	1814										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1823										
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1833										
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1842										
ZZZZZZ	1845										
ZZZZZZ	1848										
ZZZZZZ	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
MYD5K5	1901	80		87		81		91		91	
MYD5K5D	1904	81		87		82		92		93	
MYD5K5L	1907	73		82		82		91		91	
MYD5K5S	1910	77		83		78		89		88	
MYD5K5SRE	1913	76		83		78		89		89	
MYD5N0	1916	77		81		76		87		87	
MYD5N1	1919	76		82		77		86		87	
CCV010	1926	74		80		68		82		82	
CCB010	1929	78		86		86		93		94	
MYD5N2	1932	84		90		82		93		93	
MYD5N3	1935	79		86		80		90		89	
MYD5N4	1939	80		88		81		91		91	
MYD5N5	1942	76		84		79		89		89	
MYD5N6	1945	76		84		78		89		88	
MYD5N7	1948	74		82		78		88		88	
MYD5N8	1951	74		83		78		88		88	
MYD5N9	1954	73		82		76		88		87	
MYD5P0	1957	72		81		76		86		87	
MYD5P1	2000	71		79		74		85		85	
MYD5P2	2003	69		80		75		86		86	
MYD5P3	2006	69		80		76		86		86	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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
MYD5P4	2010	71		79		75		84		85	
MYD5P5	2013	69		79		76		87		88	
MYD5P6	2016	71		80		74		85		85	
MYD5P7	2019	71		80		72		85		85	
MYD5P8	2022	69		78		72		84		84	
MYD5K5	2025	65		74		74		83		84	
MYD5K5D	2028	65		76		75		85		85	
MYD5K5L	2031	64		74		75		84		84	
MYD5K5S	2035	65		75		74		84		85	
MYD5K5SRE	2038	64		74		73		84		84	
MYD5N4	2041	66		75		73		83		83	
MYD5N5	2044	64		74		72		82		82	
MYD5P8	2047	66		76		73		84		85	
CCV011	2050	71		78		67		83		83	
CCB011	2053	69		80		80		89		89	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P7	Start Date : 10/18/2024
Run Batch: LB133015	End Date : 10/18/2024

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
S0	1146	100		100		100		100		100	
S02	1149	103		102		103		103		102	
S03	1153	104		101		103		102		103	
S04	1156	102		98		100		97		101	
S05	1159	99		93		96		94		100	
S06	1202	97		90		94		91		99	
S07	1205	97		90		94		89		101	
S08	1208	95		87		88		78		94	
ICV025	1259	101		95		97		96		102	
ICB025	1316	102		97		98		97		103	
ICSA025	1319	97		88		94		88		102	
ICSAB025	1323	101		94		97		91		106	
CCV094	1335	93		88		91		83		99	
CCB094	1338	103		93		97		95		104	
ZZZZZZ	1352										
ZZZZZZ	1406										
MYD5K5ARE	1409	106		110		107		98		105	
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
ZZZZZZ	1436										
CCV095	1444	89		85		89		81		96	
CCB095	1450	104		96		98		98		104	

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 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD5N0
 Instrument ID: P7 Start Date : 10/18/2024
 Run Batch: LB133015 End Date : 10/18/2024

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	1146	100		100		100		100		100	
S02	1149	100		99		100		100		100	
S03	1153	100		99		99		100		99	
S04	1156	95		95		95		99		98	
S05	1159	91		92		91		96		97	
S06	1202	89		90		88		97		97	
S07	1205	90		90		87		98		98	
S08	1208	85		82		74		88		89	
ICV025	1259	92		92		93		97		97	
ICB025	1316	95		95		96		99		99	
ICSA025	1319	90		92		88		98		99	
ICSAB025	1323	93		94		90		100		100	
CCV094	1335	89		88		83		94		96	
CCB094	1338	93		93		95		99		99	
ZZZZZZ	1352										
ZZZZZZ	1406										
MYD5K5ARE	1409	105		100		93		99		98	
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
ZZZZZZ	1436										
CCV095	1444	87		87		82		93		94	
CCB095	1450	95		94		96		99		101	