

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.: MYD5B0
 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	
ZZZZZZ	1637										
ZZZZZZ	1641										
ZZZZZZ	1644										
PBS778	1647	99		93		95		95		97	
LCS778	1651	99		94		96		96		99	
LCSD778	1654	98		95		96		96		98	
ZZZZZZ	1657										
ZZZZZZ	1701										
ZZZZZZ	1704										
ZZZZZZ	1707										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1743										
ZZZZZZ	1746										
ZZZZZZ	1749										
ZZZZZZ	1752										

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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	1755										
ZZZZZZ	1758										
ZZZZZZ	1801										
CCV022	1805	85		80		86		79		93	
CCB022	1807	93		86		92		91		98	
ZZZZZZ	1811										
ZZZZZZ	1814										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
MYD5A9	1856	93		95		99		91		99	
MYD5B0	1859	93		93		97		90		98	
MYD5B1	1902	93		93		98		90		99	
MYD5B2	1905	88		87		95		87		96	
MYD5B3	1908	94		96		100		91		99	
MYD5B3D	1911	92		93		97		88		96	
MYD5B3L	1915	91		87		93		90		96	
MYD5B3S	1918	91		93		96		87		97	
MYD5B3SRE	1921	90		90		95		86		97	
MYD5B4	1924	88		86		92		84		94	
MYD5B5	1927	89		88		94		86		96	
MYD5B6	1930	90		89		94		89		96	
MYD5B7	1933	89		86		92		87		95	
MYD5B8	1937	87		87		92		85		94	
MYD5B9	1940	90		88		93		88		96	
MYD5C0	1943	90		88		93		87		95	
CCV023	1949	84		78		85		78		93	
CCB023	1952	89		82		88		88		95	
MYD5C1	1955	93		94		97		90		100	
MYD5C2	1958	92		92		96		90		99	
MYD5C3	2001	94		93		101		90		100	

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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
MYD5C4	2005	93		92		96		90		98	
MYD5C6	2008	91		88		94		86		95	
MYD5C7	2011	90		89		94		86		95	
MYD5C8	2014	88		87		91		85		93	
MYD5C9	2017	88		89		92		84		94	
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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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	
ZZZZZZ	2315										
ZZZZZZ	2318										
ZZZZZZ	2322										
ZZZZZZ	2325										
ZZZZZZ	2328										
MYD5B3	2331	83		81		88		86		94	
MYD5B3D	2335	83		81		88		85		92	
MYD5B3L	2338	81		80		86		85		91	
MYD5B3S	2341	83		80		86		85		92	
MYD5B3SRE	2344	82		80		86		84		92	
ZZZZZZ	2347										
ZZZZZZ	2351										
ZZZZZZ	2354										
ZZZZZZ	2357										
ZZZZZZ	0000										
ZZZZZZ	0004										
ZZZZZZ	0007										

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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	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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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	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	
ZZZZZZ	1637										
ZZZZZZ	1641										
ZZZZZZ	1644										
PBS778	1647	94		95		94		98		98	
LCS778	1651	95		95		96		97		98	
LCSD778	1654	96		97		96		98		98	
ZZZZZZ	1657										
ZZZZZZ	1701										
ZZZZZZ	1704										
ZZZZZZ	1707										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1743										
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ZZZZZZ	1749										
ZZZZZZ	1752										

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1755										
ZZZZZZ	1758										
ZZZZZZ	1801										
CCV022	1805	82		84		79		92		93	
CCB022	1807	84		87		88		92		93	
ZZZZZZ	1811										
ZZZZZZ	1814										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
MYD5A9	1856	96		99		91		99		98	
MYD5B0	1859	93		95		90		98		98	
MYD5B1	1902	95		98		92		98		98	
MYD5B2	1905	88		95		89		96		96	
MYD5B3	1908	94		96		88		96		96	
MYD5B3D	1911	95		98		90		97		99	
MYD5B3L	1915	89		94		93		97		98	
MYD5B3S	1918	93		96		89		97		98	
MYD5B3SRE	1921	90		94		87		95		95	
MYD5B4	1924	90		95		88		95		97	
MYD5B5	1927	90		95		88		96		97	
MYD5B6	1930	90		93		89		95		96	
MYD5B7	1933	86		92		88		95		95	
MYD5B8	1937	88		91		87		93		95	
MYD5B9	1940	89		92		88		95		96	
MYD5C0	1943	89		93		88		95		95	
CCV023	1949	78		82		77		91		92	
CCB023	1952	83		89		90		96		97	
MYD5C1	1955	96		98		92		100		100	
MYD5C2	1958	94		98		93		99		100	
MYD5C3	2001	92		97		89		97		97	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
MYD5C4	2005	91		94		90		96		98	
MYD5C6	2008	89		94		88		94		95	
MYD5C7	2011	89		92		87		94		95	
MYD5C8	2014	87		90		85		93		94	
MYD5C9	2017	90		92		86		94		95	
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	73		79		74		88		89	
CCB024	2136	80		86		88		93		94	
ZZZZZZ	2139										
ZZZZZZ	2142										
ZZZZZZ	2145										
ZZZZZZ	2149										
ZZZZZZ	2152										
ZZZZZZ	2155										
ZZZZZZ	2158										
ZZZZZZ	2201										
ZZZZZZ	2204										
ZZZZZZ	2207										

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		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	