

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.: MYD4Y8
 Instrument ID: P8 Start Date : 10/02/2024
 Run Batch: LB132751 End Date : 10/02/2024

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	1630	100		100		100		100		100	
S02	1633	99		99		100		100		101	
S03	1637	98		99		98		98		100	
S04	1640	96		97		97		96		100	
S05	1643	94		96		97		94		100	
S06	1646	90		94		97		91		98	
S07	1649	91		94		95		88		98	
S08	1652	69		78		78		66		78	
ICV001	1707	100		102		100		101		100	
ICB001	1711	100		100		98		100		98	
ICSA001	1715	94		97		97		88		97	
ICSAB001	1718	98		102		101		92		100	
CCV001	1721	91		98		97		83		93	
CCB001	1724	109		114		112		111		108	
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1748										
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	1827										
ZZZZZZ	1830										
ZZZZZZ	1833										
ZZZZZZ	1836										
ZZZZZZ	1846										

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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	1849										
ZZZZZZ	1852										
CCV002	1856	85		87		89		77		90	
CCB002	1859	100		102		102		102		104	
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1912										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1925										
ZZZZZZ	1928										
PBS715	1931	102		105		105		106		107	
LCS715	1934	103		103		105		105		105	
LCSD715	1937	105		105		106		105		107	
MYD4Y4	1940	103		107		111		99		105	
MYD4Y4D	1944	101		106		110		99		105	
MYD4Y4L	1947	100		104		106		103		106	
MYD4Y4S	1950	101		107		111		100		105	
MYD4Y4SRE	1953	99		104		108		97		104	
MYD4Y8	1956	101		104		107		97		104	
MYD4Y9	1959	99		102		106		98		105	
MYD4Z0	2002	100		101		105		98		103	
MYD4Z1	2005	98		101		108		96		104	
MYD4Z2	2008	98		103		107		97		105	
MYD4Z3	2011	96		103		107		96		103	
MYD4Z4	2014	93		99		104		93		101	
MYD4Z5	2017	92		100		105		93		102	
MYD4Z6	2020	91		98		103		94		102	
CCV003	2023	83		85		88		77		91	
CCB003	2026	96		99		100		100		104	
MYD4Z7	2029	97		103		106		95		102	
MYD4Z8	2032	99		103		108		96		104	
MYD4Z9	2036	98		102		107		97		103	
MYD500	2039	95		102		105		95		104	
MYD501	2042	96		101		106		94		103	
MYD502	2045	93		98		104		93		101	

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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	
MYD503	2048	93		99		104		95		103	
MYD504	2051	92		98		104		95		103	
MYD505	2054	93		100		105		94		103	
MYD506	2057	91		99		105		93		102	
MYD4Y4	2100	91		96		101		97		103	
MYD4Y4D	2103	90		95		100		98		103	
MYD4Y4L	2106	91		96		100		99		104	
MYD4Y4S	2110	91		96		101		98		105	
MYD4Y4SRE	2113	88		95		99		96		103	
CCV004	2116	81		84		86		76		90	
CCB004	2119	94		97		100		99		102	

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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	1630	100		100		100		100		100	
S02	1633	99		100		99		100		99	
S03	1637	95		97		96		98		98	
S04	1640	96		99		96		100		100	
S05	1643	94		97		92		98		99	
S06	1646	93		97		91		98		99	
S07	1649	94		97		88		98		99	
S08	1652	91		93		71		86		86	
ICV001	1707	106		108		104		104		104	
ICB001	1711	105		107		103		103		103	
ICSA001	1715	97		97		85		92		91	
ICSAB001	1718	105		103		92		98		99	
CCV001	1721	103		104		86		95		96	
CCB001	1724	114		116		113		111		110	
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1738										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1748										
ZZZZZZ	1751										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1806										
ZZZZZZ	1809										
ZZZZZZ	1812										
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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	1849										
ZZZZZZ	1852										
CCV002	1856	89		93		79		90		91	
CCB002	1859	98		103		104		103		104	
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1912										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1925										
ZZZZZZ	1928										
PBS715	1931	100		104		105		104		106	
LCS715	1934	101		106		104		105		106	
LCSD715	1937	102		106		106		105		107	
MYD4Y4	1940	101		109		98		102		103	
MYD4Y4D	1944	100		108		98		102		103	
MYD4Y4L	1947	99		105		104		104		106	
MYD4Y4S	1950	100		107		97		101		103	
MYD4Y4SRE	1953	97		103		96		100		100	
MYD4Y8	1956	97		104		97		101		101	
MYD4Y9	1959	96		103		97		100		101	
MYD4Z0	2002	94		101		96		99		101	
MYD4Z1	2005	95		104		95		101		101	
MYD4Z2	2008	95		103		95		100		102	
MYD4Z3	2011	95		104		95		100		101	
MYD4Z4	2014	93		102		95		99		100	
MYD4Z5	2017	92		100		93		98		100	
MYD4Z6	2020	91		99		93		97		99	
CCV003	2023	85		89		77		88		90	
CCB003	2026	94		100		101		101		102	
MYD4Z7	2029	97		105		96		101		102	
MYD4Z8	2032	96		103		95		99		102	
MYD4Z9	2036	94		102		96		99		100	
MYD500	2039	94		102		94		98		101	
MYD501	2042	94		103		94		98		101	
MYD502	2045	91		99		93		98		100	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
MYD503	2048	90		97		94		98		100	
MYD504	2051	90		98		93		97		99	
MYD505	2054	91		100		92		98		99	
MYD506	2057	90		100		91		96		99	
MYD4Y4	2100	88		95		96		99		100	
MYD4Y4D	2103	88		96		96		99		101	
MYD4Y4L	2106	90		97		98		101		103	
MYD4Y4S	2110	90		97		97		100		101	
MYD4Y4SRE	2113	88		95		95		100		100	
CCV004	2116	85		90		77		89		91	
CCB004	2119	92		100		100		101		102	