

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.: MYD5R3
 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										
PBS799	1509	109		115		113		110		108	
LCS799	1512	109		114		111		108		108	
LCSD799	1515	106		112		111		108		108	
ZZZZZZ	1519										
ZZZZZZ	1522										
ZZZZZZ	1525										
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 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 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										
MYD546	1719	86		92		99		88		98	
MYD546D	1722	87		95		101		90		100	
MYD546L	1725	79		87		92		87		94	
MYD546S	1728	84		92		98		87		97	
MYD546SRE	1731	83		91		97		87		98	
MYD5R3	1734	83		93		98		85		98	
MYD5R4	1737	85		95		98		85		95	
MYD5R5	1740	83		95		97		85		96	
MYD5R6	1743	82		92		95		85		96	
MYD5R7	1746	81		93		96		85		95	
MYD5R8	1749	78		90		95		83		96	
CCV009	1752	75		82		85		73		88	
CCB009	1755	79		89		91		90		97	
MYD5R9	1759	83		97		100		87		98	
MYD5S0	1802	83		93		98		86		98	
MYD5S1	1805	81		94		97		85		97	

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		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
MYD5S2	1808	79		94		97		83		95	
MYD5S3	1811	79		91		97		84		97	
MYD5S4	1814	79		91		95		84		95	
MYD5S5	1817	79		92		96		83		95	
MYD5S6	1820	75		85		91		83		94	
MYD5S7	1823	77		89		94		84		96	
MYD5S8	1826	77		90		93		83		95	
MYD5S9	1829	76		89		93		84		96	
MYD5T0	1833	76		88		94		82		94	
MYD5T1	1836	77		89		92		82		93	
MYD546	1839	73		83		90		86		95	
MYD546D	1842	74		85		92		88		98	
MYD546L	1845	72		82		87		86		94	
MYD546S	1848	73		83		90		86		95	
MYD546SRE	1852	71		83		89		85		94	
MYD5R4	1855	73		87		93		85		95	
MYD5S6	1858	73		84		91		85		96	
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1919										
CCV010	1926	68		78		81		70		85	
CCB010	1929	72		82		86		85		91	

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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	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										
PBS799	1509	114		114		111		111		109	
LCS799	1512	113		113		110		109		109	
LCSD799	1515	112		112		109		109		107	
ZZZZZZ	1519										
ZZZZZZ	1522										
ZZZZZZ	1525										
ZZZZZZ	1534										
ZZZZZZ	1537										
ZZZZZZ	1540										
ZZZZZZ	1543										
ZZZZZZ	1546										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1558										
ZZZZZZ	1601										
ZZZZZZ	1604										
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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
ZZZZZZ	1610										
ZZZZZZ	1613										
ZZZZZZ	1617										
ZZZZZZ	1620										
ZZZZZZ	1623										
CCV008	1626	83		86		72		85		85	
CCB008	1629	91		96		95		100		99	
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										
MYD546	1719	85		92		86		93		93	
MYD546D	1722	86		94		87		95		93	
MYD546L	1725	81		87		87		93		93	
MYD546S	1728	84		92		85		92		92	
MYD546SRE	1731	82		90		83		92		92	
MYD5R3	1734	81		86		78		86		86	
MYD5R4	1737	87		90		82		91		92	
MYD5R5	1740	87		91		83		92		92	
MYD5R6	1743	84		90		83		91		90	
MYD5R7	1746	84		90		83		92		92	
MYD5R8	1749	82		88		80		91		90	
CCV009	1752	78		83		72		86		86	
CCB009	1755	82		89		90		97		97	
MYD5R9	1759	89		95		84		93		93	
MYD5S0	1802	84		92		83		93		93	
MYD5S1	1805	84		90		82		92		92	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
MYD5S2	1808	84		91		81		90		90	
MYD5S3	1811	83		90		81		92		92	
MYD5S4	1814	81		88		81		91		91	
MYD5S5	1817	82		89		81		92		92	
MYD5S6	1820	77		86		81		92		92	
MYD5S7	1823	80		87		79		90		90	
MYD5S8	1826	81		86		81		91		91	
MYD5S9	1829	79		86		81		90		90	
MYD5T0	1833	81		89		82		91		92	
MYD5T1	1836	79		85		80		89		89	
MYD546	1839	76		85		84		92		92	
MYD546D	1842	74		83		82		90		91	
MYD546L	1845	75		83		84		92		92	
MYD546S	1848	75		84		84		92		92	
MYD546SRE	1852	75		85		84		92		92	
MYD5R4	1855	79		87		82		92		92	
MYD5S6	1858	76		86		83		93		94	
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1919										
CCV010	1926	74		80		68		82		82	
CCB010	1929	78		86		86		93		94	