

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		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
S0	1401	100		100							
S02	1404	101		101							
S03	1408	102		100							
S04	1411	102		99							
S05	1414	102		96							
S06	1417	101		94							
S07	1420	102		91							
S08	1423	85		70							
ICV002	1427	102		100							
ICB002	1430	102		101							
ICSA002	1434	99		88							
ICSAB002	1437	102		92							
CCV006	1440	97		83							
CCB006	1443	108		108							
ZZZZZZ	1448										
CCV007	1451	97		83							
CCB007	1454	109		106							
ZZZZZZ	1459										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1509										
ZZZZZZ	1512										
ZZZZZZ	1515										
PBS797	1519	106		105							
LCS797	1522	108		106							
LCSD797	1525	108		106							
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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		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
ZZZZZZ	1607										
ZZZZZZ	1610										
ZZZZZZ	1613										
ZZZZZZ	1617										
ZZZZZZ	1620										
ZZZZZZ	1623										
CCV008	1626	91		79							
CCB008	1629	101		101							
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	89		77							
CCB009	1755	99		98							
ZZZZZZ	1759										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
ZZZZZZ	1802										
ZZZZZZ	1805										
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	96		91							
MYD5K5D	1904	97		91							
MYD5K5L	1907	97		95							
MYD5K5S	1910	93		89							
MYD5K5SRE	1913	92		87							
MYD5N0	1916	92		87							
MYD5N1	1919	91		86							
CCV010	1926	86		75							
CCB010	1929	92		92							
MYD5N2	1932	96		91							
MYD5N3	1935	97		91							
MYD5N4	1939	97		91							
MYD5N5	1942	93		90							
MYD5N6	1945	94		89							
MYD5N7	1948	94		88							
MYD5N8	1951	92		88							
MYD5N9	1954	92		87							
MYD5P0	1957	93		88							

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		165Ho	Q	209Bi	Q		Q		Q		Q
MYD5P1	2000	91		86							
MYD5P2	2003	90		87							
MYD5P3	2006	93		89							
MYD5P4	2010	91		87							
MYD5P5	2013	92		89							
MYD5P6	2016	91		86							
MYD5P7	2019	90		85							
MYD5P8	2022	89		84							
MYD5K5	2025	89		87							
MYD5K5D	2028	88		87							
MYD5K5L	2031	87		87							
MYD5K5S	2035	88		86							
MYD5K5SRE	2038	86		85							
MYD5N4	2041	87		83							
MYD5N5	2044	86		83							
MYD5P8	2047	86		83							
CCV011	2050	84		73							
CCB011	2053	89		90							

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Contract: 68HERH20D0011

MA No.: SDG No.: MYD5N0

Start Date : 10/04/2024

End Date : 10/04/2024

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ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Contract: 68HERH20D0011

MA No.: SDG No.: MYD5N0

Start Date : 10/04/2024

End Date : 10/04/2024

EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
ZZZZZZ	1607										
ZZZZZZ	1610										
ZZZZZZ	1613										
ZZZZZZ	1617										
ZZZZZZ	1620										
ZZZZZZ	1623										
CCV008	1626	73									
CCB008	1629	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										
ZZZZZZ	1719										
ZZZZZZ	1722										
ZZZZZZ	1725										
ZZZZZZ	1728										
ZZZZZZ	1731										
ZZZZZZ	1734										
ZZZZZZ	1737										
ZZZZZZ	1740										
ZZZZZZ	1743										
ZZZZZZ	1746										
ZZZZZZ	1749										
CCV009	1752	74									
CCB009	1755	96									
ZZZZZZ	1759										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
ZZZZZZ	1802										
ZZZZZZ	1805										
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	85									
MYD5K5D	1904	86									
MYD5K5L	1907	90									
MYD5K5S	1910	84									
MYD5K5SRE	1913	84									
MYD5N0	1916	82									
MYD5N1	1919	81									
CCV010	1926	71									
CCB010	1929	94									
MYD5N2	1932	87									
MYD5N3	1935	84									
MYD5N4	1939	86									
MYD5N5	1942	84									
MYD5N6	1945	84									
MYD5N7	1948	84									
MYD5N8	1951	83									
MYD5N9	1954	83									
MYD5P0	1957	81									

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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element		Element		Element		Element		Element	
		209Bi	Q		Q		Q		Q		Q
MYD5P1	2000	80									
MYD5P2	2003	82									
MYD5P3	2006	83									
MYD5P4	2010	80									
MYD5P5	2013	84									
MYD5P6	2016	80									
MYD5P7	2019	80									
MYD5P8	2022	80									
MYD5K5	2025	83									
MYD5K5D	2028	84									
MYD5K5L	2031	84									
MYD5K5S	2035	83									
MYD5K5SRE	2038	82									
MYD5N4	2041	81									
MYD5N5	2044	80									
MYD5P8	2047	82									
CCV011	2050	71									
CCB011	2053	89									

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	1146	100		100							
S02	1149	103		102							
S03	1153	104		103							
S04	1156	102		102							
S05	1159	102		102							
S06	1202	102		101							
S07	1205	102		101							
S08	1208	96		88							
ICV025	1259	104		106							
ICB025	1316	103		107							
ICSA025	1319	103		100							
ICSAB025	1323	106		101							
CCV094	1335	98		95							
CCB094	1338	103		108							
ZZZZZZ	1352										
ZZZZZZ	1406										
MYD5K5ARE	1409	106		104							
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
ZZZZZZ	1436										
CCV095	1444	97		93							
CCB095	1450	105		109							

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EPA Sample No.	Time	Internal Standard %RI For: Collision Cell									
		Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	1146	100									
S02	1149	100									
S03	1153	99									
S04	1156	98									
S05	1159	93									
S06	1202	92									
S07	1205	92									
S08	1208	73									
ICV025	1259	99									
ICB025	1316	100									
ICSA025	1319	92									
ICSAB025	1323	96									
CCV094	1335	80									
CCB094	1338	103									
ZZZZZZ	1352										
ZZZZZZ	1406										
MYD5K5ARE	1409	96									
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
ZZZZZZ	1436										
CCV095	1444	79									
CCB095	1450	104									