

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.: MYD5K6
 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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
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										
ZZZZZZ	1409										
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
ZZZZZZ	1436										
CCV095	1444	89		85		89		81		96	
CCB095	1450	104		96		98		98		104	
PBS818	1525	100		96		98		97		101	
LCS818	1529	101		97		100		99		102	
LCSD818	1532	101		95		97		97		101	
MYD5H3	1555	105		107		113		101		108	
MYD5H3D	1558	101		100		107		94		104	
MYD5H3L	1601	99		94		99		96		103	
MYD5H3S	1605	99		98		105		94		103	
MYD5H3SRE	1608	98		95		104		92		103	
MYD5H3	1611	94		89		95		91		99	
MYD5H3D	1614	95		89		95		92		99	
MYD5H3L	1618	89		83		90		87		93	
MYD5H3S	1621	94		89		95		91		98	
MYD5H3SRE	1625	91		86		93		89		96	
MYD5K6	1628	95		96		98		89		98	

FORM 14-IN

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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	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
CCV096	1632	88		84		88		80		94	
CCB096	1635	104		95		99		98		106	
MYD5K7	1638	112		114		111		100		109	
MYD5K8	1642	108		109		110		99		108	
MYD5K9	1645	104		104		105		96		106	
MYD5L0	1648	96		94		96		87		97	
MYD4E6	1651	94		88		97		86		97	
MYD4E7	1655	87		83		92		82		92	
MYD4E8	1658	88		84		92		83		91	
MYD4E9	1701	92		88		97		88		97	
MYD4F0	1705	91		89		96		86		96	
MYD4F1	1708	90		89		96		85		96	
MYD4F2	1711	87		87		94		84		93	
MYD4F3	1714	89		87		95		85		94	
MYD4F4	1718	87		87		93		83		92	
MYD4F5	1721	89		87		95		86		96	
MYD4F6	1724	90		86		93		85		95	
MYD5K6	1727	88		86		91		86		94	
MYD5K8	1731	84		82		86		84		91	
MYD5L0	1734	87		85		90		85		94	
CCV097	1758	81		79		83		76		89	
CCB097	1801	93		87		91		91		96	

FORM 14-IN

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD5K6
 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										
ZZZZZZ	1409										
ZZZZZZ	1423										
ZZZZZZ	1426										
ZZZZZZ	1429										
ZZZZZZ	1433										
ZZZZZZ	1436										
CCV095	1444	87		87		82		93		94	
CCB095	1450	95		94		96		99		101	
PBS818	1525	94		93		94		96		97	
LCS818	1529	94		94		95		98		96	
LCSD818	1532	92		92		94		95		94	
MYD5H3	1555	99		102		94		98		98	
MYD5H3D	1558	92		97		88		93		94	
MYD5H3L	1601	92		94		93		98		97	
MYD5H3S	1605	95		100		91		98		98	
MYD5H3SRE	1608	93		98		90		96		96	
MYD5H3	1611	89		91		90		95		94	
MYD5H3D	1614	89		92		89		94		94	
MYD5H3L	1618	87		88		89		94		93	
MYD5H3S	1621	88		90		89		93		93	
MYD5H3SRE	1625	86		89		88		93		92	
MYD5K6	1628	94		92		86		93		93	

FORM 14-IN

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 Lab Code: ACE Case No.: 51495 MA No.: SDG No.: MYD5K6
 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
CCV096	1632	87		87		81		94		94	
CCB096	1635	94		94		96		100		100	
MYD5K7	1638	113		108		100		106		106	
MYD5K8	1642	101		100		93		100		100	
MYD5K9	1645	101		98		93		99		99	
MYD5L0	1648	93		92		86		93		93	
MYD4E6	1651	88		92		84		93		92	
MYD4E7	1655	83		88		81		90		89	
MYD4E8	1658	86		90		82		91		90	
MYD4E9	1701	87		93		86		94		94	
MYD4F0	1705	88		93		85		93		93	
MYD4F1	1708	87		91		84		91		91	
MYD4F2	1711	85		89		82		90		90	
MYD4F3	1714	85		90		83		91		91	
MYD4F4	1718	86		91		83		92		92	
MYD4F5	1721	86		91		84		92		93	
MYD4F6	1724	86		91		85		93		93	
MYD5K6	1727	86		88		85		93		92	
MYD5K8	1731	83		87		86		92		92	
MYD5L0	1734	84		86		83		91		92	
CCV097	1758	80		81		76		89		89	
CCB097	1801	86		87		89		94		94	

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.: MYD5K6
 Instrument ID: P7 Start Date : 10/20/2024
 Run Batch: LB133019 End Date : 10/21/2024

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	1636	100		100		100		100		100	
S02	1640	101		101		101		101		101	
S03	1643	99		97		98		96		98	
S04	1647	98		95		94		94		97	
S05	1719	103		93		92		89		93	
S06	1722	100		91		90		86		91	
S07	1725	99		89		88		83		91	
S08	1728	97		87		82		73		84	
ICV002	1738	109		97		92		92		92	
ICB002	1742	106		95		91		90		90	
ICSA002	1745	102		94		92		86		95	
ICSAB002	1748	108		102		102		96		107	
CCV008	1755	106		96		95		87		97	
CCB008	1802	111		102		98		98		100	
ZZZZZZ	1805										
ZZZZZZ	1809										
ZZZZZZ	1816										
ZZZZZZ	1819										
ZZZZZZ	1826										
ZZZZZZ	1830										
ZZZZZZ	1833										
ZZZZZZ	1840										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1851										
ZZZZZZ	1854										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1922										
ZZZZZZ	1925										
CCV009	1929	90		90		94		86		100	
CCB009	1935	103		99		100		99		103	
ZZZZZZ	1939										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51495
		MA No.:	SDG No.: MYD5K6
Instrument ID:	P7	Start Date :	10/20/2024
Run Batch:	LB133019	End Date :	10/21/2024

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ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>10/20/2024</u>
Run Batch: <u>LB133019</u>	End Date : <u>10/21/2024</u>

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	2208										
ZZZZZZ	2215										
ZZZZZZ	2222										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2233										
ZZZZZZ	2236										
ZZZZZZ	2239										
ZZZZZZ	2243										
ZZZZZZ	2246										
ZZZZZZ	2250										
ZZZZZZ	2253										
ZZZZZZ	2257										
ZZZZZZ	2300										
CCV011	2307	71		80		89		80		99	
CCB011	2314	87		91		98		95		105	
MYD5H3ARE	2358	87		100		109		96		106	
CCV012	0010	82		88		94		83		99	
CCB012	0031	88		93		97		94		101	

FORM 14-IN

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 Instrument ID: P7 Start Date : 10/20/2024
 Run Batch: LB133019 End Date : 10/21/2024

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	1636	100		100		100		100		100	
S02	1640	98		98		98		98		98	
S03	1643	98		97		97		98		98	
S04	1647	97		96		96		99		98	
S05	1719	93		92		89		93		93	
S06	1722	92		90		87		92		92	
S07	1725	91		90		85		92		92	
S08	1728	89		83		73		84		84	
ICV002	1738	98		94		93		93		93	
ICB002	1742	96		93		92		92		91	
ICSA002	1745	98		95		90		99		98	
ICSAB002	1748	105		103		99		107		108	
CCV008	1755	98		94		87		95		95	
CCB008	1802	102		100		100		100		99	
ZZZZZZ	1805										
ZZZZZZ	1809										
ZZZZZZ	1816										
ZZZZZZ	1819										
ZZZZZZ	1826										
ZZZZZZ	1830										
ZZZZZZ	1833										
ZZZZZZ	1840										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1851										
ZZZZZZ	1854										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1922										
ZZZZZZ	1925										
CCV009	1929	92		90		85		95		94	
CCB009	1935	100		99		100		101		101	
ZZZZZZ	1939										

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 Run Batch: LB133019 End Date : 10/21/2024

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	1942										
ZZZZZZ	1945										
ZZZZZZ	1952										
ZZZZZZ	1956										
ZZZZZZ	1959										
ZZZZZZ	2002										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2019										
ZZZZZZ	2023										
ZZZZZZ	2026										
ZZZZZZ	2030										
ZZZZZZ	2033										
ZZZZZZ	2036										
ZZZZZZ	2040										
ZZZZZZ	2043										
ZZZZZZ	2047										
ZZZZZZ	2050										
ZZZZZZ	2053										
ZZZZZZ	2057										
ZZZZZZ	2100										
ZZZZZZ	2104										
ZZZZZZ	2107										
CCV010	2111	87		89		85		95		95	
CCB010	2116	98		100		102		103		104	
ZZZZZZ	2120										
ZZZZZZ	2123										
ZZZZZZ	2127										
ZZZZZZ	2133										
ZZZZZZ	2144										
ZZZZZZ	2148										
ZZZZZZ	2151										
ZZZZZZ	2155										
ZZZZZZ	2158										
ZZZZZZ	2201										
ZZZZZZ	2205										

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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
ZZZZZZ	2208										
ZZZZZZ	2215										
ZZZZZZ	2222										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2233										
ZZZZZZ	2236										
ZZZZZZ	2239										
ZZZZZZ	2243										
ZZZZZZ	2246										
ZZZZZZ	2250										
ZZZZZZ	2253										
ZZZZZZ	2257										
ZZZZZZ	2300										
CCV011	2307	82		84		80		91		92	
CCB011	2314	93		94		97		99		98	
MYD5H3ARE	2358	102		108		100		103		103	
CCV012	0010	89		89		83		94		94	
CCB012	0031	93		92		94		95		95	