

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.: MYD589
 Instrument ID: P7 Start Date : 10/11/2024
 Run Batch: LB132905 End Date : 10/11/2024

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	1624	100		100		100		100		100	
S02	1628	107		102		101		102		102	
S03	1631	100		97		97		97		97	
S04	1634	107		100		100		99		102	
S05	1637	94		85		85		83		88	
S06	1640	103		95		96		93		100	
S07	1643	102		96		96		91		101	
S08	1646	98		92		91		81		96	
ICV001	1729	104		108		107		107		106	
ICB001	1733	101		105		103		105		104	
ICSA001	1738	103		97		97		92		103	
ICSAB001	1753	98		92		92		87		96	
CCV001	1756	100		95		96		88		100	
CCB001	1759	105		97		97		97		103	
ZZZZZZ	1900										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1930										
CCV002	1933	93		89		92		84		97	
CCB002	1936	101		93		96		96		101	
ZZZZZZ	1939										
ZZZZZZ	1943										
ZZZZZZ	1946										
PBS777	1949	101		96		98		98		101	
LCS777	1953	103		99		100		101		104	
LCSD777	1956	104		100		100		101		102	
ZZZZZZ	1959										
ZZZZZZ	2003										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2012										
ZZZZZZ	2016										

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.: MYD589
 Instrument ID: P7 Start Date : 10/11/2024
 Run Batch: LB132905 End Date : 10/11/2024

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	2019										
ZZZZZZ	2022										
ZZZZZZ	2025										
ZZZZZZ	2029										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2042										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2055										
ZZZZZZ	2058										
CCV003	2101	86		82		85		79		91	
CCB003	2104	93		86		88		90		95	
MYD581	2107	93		96		101		85		94	
MYD581D	2111	97		98		104		90		99	
MYD581L	2114	94		90		94		91		98	
MYD581S	2117	94		96		103		88		97	
MYD581SRE	2120	91		93		100		86		96	
MYD581	2123	86		83		87		84		90	
MYD581D	2127	88		84		87		86		92	
MYD581L	2130	87		83		86		86		90	
MYD581S	2133	88		85		88		86		92	
MYD581SRE	2137	88		85		89		86		93	
MYD589	2140	87		86		91		85		93	
MYD590	2143	85		84		89		84		90	
MYD591	2146	86		88		93		84		92	
MYD592	2150	86		88		93		85		93	
MYD593	2153	85		86		92		84		92	
MYD594	2156	83		84		91		83		90	
MYD595	2159	82		83		89		82		89	
MYD596	2203	82		81		87		83		88	
MYD597	2206	83		81		87		84		91	
MYD598	2209	82		81		88		81		87	
MYD5A0	2212	81		81		89		81		89	
MYD5A1	2216	84		84		91		84		92	
MYD5A2	2219	82		82		89		83		90	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Instrument ID: <u>P7</u>	Start Date : <u>10/11/2024</u>
Run Batch: <u>LB132905</u>	End Date : <u>10/11/2024</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
MYD5A3	2222	81		80		88		82		90	
MYD5A4	2225	82		82		88		82		89	
CCV004	2229	79		77		80		75		87	
CCB004	2232	87		82		86		87		93	
MYD5A5	2235	89		97		94		87		95	
MYD5A6	2238	87		96		92		85		93	
MYD5A7	2241	84		89		91		82		92	
MYD5A8	2245	82		87		89		80		88	
CCV005	2248	77		75		79		74		86	
CCB005	2251	85		81		84		86		93	

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.: MYD589
 Instrument ID: P7 Start Date : 10/11/2024
 Run Batch: LB132905 End Date : 10/11/2024

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	1624	100		100		100		100		100	
S02	1628	101		102		100		102		103	
S03	1631	101		100		98		101		103	
S04	1634	98		98		97		100		102	
S05	1637	95		95		94		99		100	
S06	1640	95		95		92		100		101	
S07	1643	95		94		90		99		101	
S08	1646	93		92		80		93		94	
ICV001	1729	107		106		105		105		106	
ICB001	1733	109		107		108		106		108	
ICSA001	1738	96		98		91		101		101	
ICSAB001	1753	96		96		90		100		102	
CCV001	1756	94		93		85		98		98	
CCB001	1759	97		98		96		100		101	
ZZZZZZ	1900										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1910										
ZZZZZZ	1913										
ZZZZZZ	1916										
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1930										
CCV002	1933	91		94		85		97		98	
CCB002	1936	94		96		97		99		101	
ZZZZZZ	1939										
ZZZZZZ	1943										
ZZZZZZ	1946										
PBS777	1949	99		100		101		102		103	
LCS777	1953	94		96		96		98		99	
LCSD777	1956	98		99		100		100		102	
ZZZZZZ	1959										
ZZZZZZ	2003										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2012										
ZZZZZZ	2016										

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.: MYD589
 Instrument ID: P7 Start Date : 10/11/2024
 Run Batch: LB132905 End Date : 10/11/2024

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	2019										
ZZZZZZ	2022										
ZZZZZZ	2025										
ZZZZZZ	2029										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2042										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2055										
ZZZZZZ	2058										
CCV003	2101	83		87		79		92		93	
CCB003	2104	87		92		91		96		95	
MYD581	2107	100		105		91		99		100	
MYD581D	2111	100		105		92		100		102	
MYD581L	2114	87		91		88		94		94	
MYD581S	2117	92		99		83		93		94	
MYD581SRE	2120	92		97		84		94		95	
MYD581	2123	85		90		85		92		92	
MYD581D	2127	85		91		85		92		93	
MYD581L	2130	82		88		85		91		90	
MYD581S	2133	90		96		90		97		99	
MYD581SRE	2137	85		92		86		93		94	
MYD589	2140	87		93		85		93		94	
MYD590	2143	88		94		87		95		96	
MYD591	2146	88		94		85		92		93	
MYD592	2150	88		94		86		93		94	
MYD593	2153	81		87		79		86		88	
MYD594	2156	85		93		84		92		92	
MYD595	2159	87		92		84		92		94	
MYD596	2203	82		89		84		90		90	
MYD597	2206	82		91		85		91		92	
MYD598	2209	83		91		83		90		92	
MYD5A0	2212	83		92		83		92		94	
MYD5A1	2216	85		93		85		93		95	
MYD5A2	2219	82		90		83		90		91	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
--------	----------	----------	----------	-----------	---------

Instrument ID: <u>P7</u>	Start Date : <u>10/11/2024</u>
Run Batch: <u>LB132905</u>	End Date : <u>10/11/2024</u>

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
MYD5A3	2222	81		90		82		89		91	
MYD5A4	2225	82		90		82		88		90	
CCV004	2229	79		83		75		89		90	
CCB004	2232	79		84		84		89		91	
MYD5A5	2235	96		95		87		96		95	
MYD5A6	2238	94		92		83		92		93	
MYD5A7	2241	88		91		81		90		91	
MYD5A8	2245	84		86		76		84		85	
CCV005	2248	77		82		73		88		89	
CCB005	2251	81		87		85		93		93	

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.: MYD589
 Instrument ID: P7 Start Date : 10/17/2024
 Run Batch: LB132992 End Date : 10/17/2024

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	1619	100		100		100		100		100	
S02	1623	101		102		101		101		101	
S03	1626	101		102		100		100		102	
S04	1629	100		100		100		98		102	
S05	1633	98		98		98		96		102	
S06	1636	96		96		97		93		103	
S07	1641	99		98		101		94		107	
S08	1644	97		97		96		86		101	
ICV024	1703	105		105		105		103		107	
ICB024	1717	104		103		102		103		104	
ICSA024	1720	99		98		100		93		106	
ICSAB024	1723	103		100		102		97		109	
CCV088	1804	104		102		101		92		103	
CCB088	1807	110		106		105		104		109	
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1832										
ZZZZZZ	1835										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1845										
ZZZZZZ	1848										
ZZZZZZ	1851										
CCV089	1855	99		99		100		91		103	
CCB089	1858	105		104		103		101		105	
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1908										
ZZZZZZ	1916										
ZZZZZZ	1920										
ZZZZZZ	1922										
ZZZZZZ	1926										
CCV090	1929	99		99		100		92		104	
CCB090	1935	103		103		103		104		106	
ZZZZZZ	1947										
ZZZZZZ	2002										
ZZZZZZ	2005										
ZZZZZZ	2009										

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.: MYD589
 Instrument ID: P7 Start Date : 10/17/2024
 Run Batch: LB132992 End Date : 10/17/2024

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	2016										
ZZZZZZ	2047										
ZZZZZZ	2050										
ZZZZZZ	2054										
MYD581ARE	2059	97		108		111		92		100	
CCV091	2105	93		95		96		88		100	
CCB091	2107	100		100		101		99		104	

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.: MYD589
 Instrument ID: P7 Start Date : 10/17/2024
 Run Batch: LB132992 End Date : 10/17/2024

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	1619	100		100		100		100		100	
S02	1623	104		104		104		105		104	
S03	1626	104		105		104		106		106	
S04	1629	103		103		103		106		105	
S05	1633	101		102		100		107		105	
S06	1636	100		102		99		107		108	
S07	1641	97		98		94		103		102	
S08	1644	101		100		89		104		103	
ICV024	1703	105		105		104		108		106	
ICB024	1717	106		106		107		107		108	
ICSA024	1720	103		105		99		109		110	
ICSAB024	1723	105		107		101		111		111	
CCV088	1804	103		102		94		105		106	
CCB088	1807	111		111		110		112		111	
ZZZZZZ	1825										
ZZZZZZ	1828										
ZZZZZZ	1832										
ZZZZZZ	1835										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1845										
ZZZZZZ	1848										
ZZZZZZ	1851										
CCV089	1855	102		102		94		107		105	
CCB089	1858	102		101		101		104		104	
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1908										
ZZZZZZ	1916										
ZZZZZZ	1920										
ZZZZZZ	1922										
ZZZZZZ	1926										
CCV090	1929	103		103		95		107		106	
CCB090	1935	106		106		107		110		109	
ZZZZZZ	1947										
ZZZZZZ	2002										
ZZZZZZ	2005										
ZZZZZZ	2009										

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.: MYD589
 Instrument ID: P7 Start Date : 10/17/2024
 Run Batch: LB132992 End Date : 10/17/2024

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	2016										
ZZZZZZ	2047										
ZZZZZZ	2050										
ZZZZZZ	2054										
MYD581ARE	2059	116		121		102		109		110	
CCV091	2105	96		96		89		100		101	
CCB091	2107	104		105		105		108		108	