

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.: MYD5D1
 Instrument ID: P7 Start Date : 10/03/2024
 Run Batch: LB132762 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	1551	100		100		100		100		100	
S02	1554	101		99		99		98		99	
S03	1558	103		101		101		100		103	
S04	1601	100		96		97		95		100	
S05	1604	100		92		94		92		99	
S06	1607	97		87		91		87		97	
S07	1609	95		85		90		85		98	
S08	1612	88		82		84		74		90	
ICV010	1618	100		91		93		91		97	
ICB010	1622	101		92		95		94		99	
ICSA010	1625	96		87		91		85		98	
ICSAB010	1628	96		89		93		87		100	
CCV021	1631	93		87		90		82		97	
CCB021	1634	98		90		93		92		98	
ZZZZZZ	1637										
ZZZZZZ	1641										
ZZZZZZ	1644										
ZZZZZZ	1647										
ZZZZZZ	1651										
ZZZZZZ	1654										
PBS789	1657	100		96		98		97		98	
LCS789	1701	99		97		98		97		98	
LCSD789	1704	100		97		98		98		99	
ZZZZZZ	1707										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1743										
ZZZZZZ	1746										
ZZZZZZ	1749										
ZZZZZZ	1752										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: P7	Start Date : 10/03/2024
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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	2005										
ZZZZZZ	2008										
ZZZZZZ	2011										
ZZZZZZ	2014										
ZZZZZZ	2017										
MYD5D0	2020	86		84		90		83		93	
MYD5D1	2024	87		86		90		83		92	
MYD5D2	2027	86		85		90		84		93	
ZZZZZZ	2030										
MYD5D3	2033	86		88		92		86		94	
MYD5D4	2036	87		87		93		86		94	
MYD5D4D	2039	86		86		93		86		95	
MYD5D4L	2043	86		82		89		87		94	
MYD5D4S	2046	85		85		92		85		94	
MYD5D4SRE	2049	83		83		89		82		93	
ZZZZZZ	2052										
MYD5D5	2055	84		85		92		84		92	
MYD5D6	2058	84		83		91		84		93	
MYD5D7	2102	85		89		94		85		93	
MYD5D8	2105	84		86		92		85		94	
MYD5D9	2108	84		84		90		84		93	
MYD5E0	2111	83		84		90		82		92	
MYD5E1	2114	84		80		89		85		93	
MYD5E2	2117	83		83		90		83		93	
MYD5E4	2121	82		81		91		84		94	
MYD5E5	2124	84		81		90		84		93	
CCV024	2133	80		76		84		77		91	
CCB024	2136	85		78		85		85		93	
MYD5E6	2139	87		88		94		85		96	
MYD5E7	2142	89		89		94		86		97	
MYD5E8	2145	89		86		96		88		98	
ZZZZZZ	2149										
ZZZZZZ	2152										
ZZZZZZ	2155										
ZZZZZZ	2158										
ZZZZZZ	2201										
ZZZZZZ	2204										
ZZZZZZ	2207										

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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	0010										
ZZZZZZ	0013										
ZZZZZZ	0017										
MYD5D7	0020	80		82		87		83		90	
MYD5D9	0023	80		78		84		81		89	
MYD5E7	0026	78		78		83		79		88	
CCV027	0029	68		65		73		67		82	
CCB027	0032	78		72		80		80		89	

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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	1551	100		100		100		100		100	
S02	1554	99		99		99		100		100	
S03	1558	98		97		97		100		99	
S04	1601	94		94		94		98		99	
S05	1604	89		90		89		97		98	
S06	1607	85		88		86		95		96	
S07	1609	84		87		84		96		96	
S08	1612	84		84		76		90		92	
ICV010	1618	91		93		94		98		98	
ICB010	1622	93		93		94		98		99	
ICSA010	1625	88		90		86		98		98	
ICSAB010	1628	89		92		88		99		99	
CCV021	1631	87		88		82		96		95	
CCB021	1634	90		92		93		97		98	
ZZZZZZ	1637										
ZZZZZZ	1641										
ZZZZZZ	1644										
ZZZZZZ	1647										
ZZZZZZ	1651										
ZZZZZZ	1654										
PBS789	1657	97		98		98		99		99	
LCS789	1701	97		98		98		99		99	
LCSD789	1704	98		98		98		99		99	
ZZZZZZ	1707										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1723										
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
ZZZZZZ	1743										
ZZZZZZ	1746										
ZZZZZZ	1749										
ZZZZZZ	1752										

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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	1755										
ZZZZZZ	1758										
ZZZZZZ	1801										
CCV022	1805	82		84		79		92		93	
CCB022	1807	84		87		88		92		93	
ZZZZZZ	1811										
ZZZZZZ	1814										
ZZZZZZ	1817										
ZZZZZZ	1820										
ZZZZZZ	1826										
ZZZZZZ	1829										
ZZZZZZ	1837										
ZZZZZZ	1840										
ZZZZZZ	1843										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1856										
ZZZZZZ	1859										
ZZZZZZ	1902										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1933										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
CCV023	1949	78		82		77		91		92	
CCB023	1952	83		89		90		96		97	
ZZZZZZ	1955										
ZZZZZZ	1958										
ZZZZZZ	2001										

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	2005										
ZZZZZZ	2008										
ZZZZZZ	2011										
ZZZZZZ	2014										
ZZZZZZ	2017										
MYD5D0	2020	86		90		84		93		93	
MYD5D1	2024	87		90		84		92		94	
MYD5D2	2027	87		90		86		93		93	
ZZZZZZ	2030										
MYD5D3	2033	88		92		87		93		94	
MYD5D4	2036	87		91		86		93		94	
MYD5D4D	2039	86		92		86		94		94	
MYD5D4L	2043	83		88		88		94		95	
MYD5D4S	2046	85		90		85		93		95	
MYD5D4SRE	2049	83		88		84		92		93	
ZZZZZZ	2052										
MYD5D5	2055	86		91		86		93		93	
MYD5D6	2058	84		90		85		92		93	
MYD5D7	2102	90		93		85		93		94	
MYD5D8	2105	86		91		86		93		94	
MYD5D9	2108	85		89		84		93		93	
MYD5E0	2111	85		89		83		92		94	
MYD5E1	2114	81		89		86		93		93	
MYD5E2	2117	83		89		84		91		93	
MYD5E4	2121	82		91		85		93		93	
MYD5E5	2124	82		88		85		92		93	
CCV024	2133	73		79		74		88		89	
CCB024	2136	80		86		88		93		94	
MYD5E6	2139	90		94		87		96		97	
MYD5E7	2142	89		93		87		97		96	
MYD5E8	2145	87		95		89		97		98	
ZZZZZZ	2149										
ZZZZZZ	2152										
ZZZZZZ	2155										
ZZZZZZ	2158										
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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	2210										
ZZZZZZ	2213										
ZZZZZZ	2216										
ZZZZZZ	2220										
ZZZZZZ	2223										
ZZZZZZ	2226										
ZZZZZZ	2229										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2244										
ZZZZZZ	2247										
CCV025	2251	70		76		72		86		87	
CCB025	2253	76		82		85		91		91	
ZZZZZZ	2257										
ZZZZZZ	2300										
ZZZZZZ	2303										
ZZZZZZ	2306										
CCV026	2309	71		77		73		88		88	
CCB026	2312	76		82		85		91		92	
ZZZZZZ	2315										
ZZZZZZ	2318										
ZZZZZZ	2322										
ZZZZZZ	2325										
ZZZZZZ	2328										
ZZZZZZ	2331										
ZZZZZZ	2335										
ZZZZZZ	2338										
ZZZZZZ	2341										
ZZZZZZ	2344										
MYD5D4	2347	79		85		85		91		92	
MYD5D4D	2351	79		85		84		91		91	
MYD5D4L	2354	78		83		85		90		90	
MYD5D4S	2357	78		83		83		89		89	
MYD5D4SRE	0000	75		81		80		87		87	
ZZZZZZ	0004										
ZZZZZZ	0007										

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
ZZZZZZ	0010										
ZZZZZZ	0013										
ZZZZZZ	0017										
MYD5D7	0020	81		85		82		88		89	
MYD5D9	0023	77		83		81		88		88	
MYD5E7	0026	76		82		80		87		88	
CCV027	0029	67		73		69		83		84	
CCB027	0032	74		80		82		89		89	