

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4K0
 Instrument ID: P7 Start Date : 11/02/2024
 Run Batch: LB133265 End Date : 11/03/2024

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	1741	100		100		100		100		100	
S02	1748	99		99		99		99		100	
S03	1751	99		100		100		99		102	
S04	1754	99		98		98		98		101	
S05	1757	100		95		98		97		102	
S06	1800	101		93		98		94		103	
S07	1802	100		93		96		91		104	
S08	1805	96		93		93		83		99	
ICV001	1809	105		97		98		98		102	
ICB001	1812	102		102		101		102		101	
ICSA001	1816	101		98		99		93		104	
ICSAB001	1819	100		96		97		92		104	
CCV001	1822	99		101		102		93		106	
CCB001	1828	106		103		103		104		105	
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1850										
ZZZZZZ	1853										
ZZZZZZ	1902										
ZZZZZZ	1906										
ZZZZZZ	1909										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1934										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
ZZZZZZ	1946										
ZZZZZZ	1949										
ZZZZZZ	1952										

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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	1955										
ZZZZZZ	1958										
CCV002	2001	96		90		94		87		102	
CCB002	2004	99		94		97		97		103	
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2020										
ZZZZZZ	2023										
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2048										
ZZZZZZ	2052										
ZZZZZZ	2055										
ZZZZZZ	2058										
ZZZZZZ	2101										
ZZZZZZ	2105										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2117										
ZZZZZZ	2120										
ZZZZZZ	2123										
ZZZZZZ	2126										
ZZZZZZ	2129										
ZZZZZZ	2132										
ZZZZZZ	2136										
ZZZZZZ	2139										
ZZZZZZ	2142										
CCV003	2145	94		88		92		85		100	
CCB003	2148	96		92		95		96		101	
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										
ZZZZZZ	2200										
ZZZZZZ	2203										
ZZZZZZ	2206										

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		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
ZZZZZZ	2210										
ZZZZZZ	2213										
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2225										
PBS456	2231	92		89		92		92		97	
LCS456	2235	95		93		95		96		100	
LCSD456	2238	96		93		96		97		100	
MYE4K0	2241	93		97		101		92		100	
MYE4K1	2244	89		92		97		90		98	
MYE4K2	2247	91		97		104		96		104	
MYE4K2D	2251	90		98		104		96		104	
MYE4K2L	2254	87		89		94		92		98	
MYE4K2S	2257	91		95		101		94		103	
MYE4K2SRE	2300	91		93		100		93		102	
MYE4K3	2303	90		92		99		92		102	
MYE4K4	2306	89		93		100		92		101	
MYE4K5	2309	90		93		99		93		102	
MYE4K6	2312	88		92		98		92		101	
CCV004	2315	88		86		92		85		101	
CCB004	2318	94		92		96		97		105	
MYE4K7	2321	95		104		107		99		108	
MYE4K8	2324	88		98		102		93		100	
MYE4K9	2328	92		102		106		98		105	
MYE4L0	2331	92		97		104		95		103	
MYE4L1	2334	88		92		98		90		100	
MYE4L2	2337	91		95		102		92		103	
MYE4P6	2340	91		93		99		93		102	
MYE4P7	2343	85		98		98		86		100	
MYE4P8	2346	84		93		98		89		100	
MYE4P9	2349	86		93		100		94		103	
MYE4Q0	2352	85		97		102		94		105	
MYE4Q1	2355	86		94		100		93		103	
MYE4K2	2358	86		88		95		94		104	
MYE4K2D	0002	86		89		96		94		104	
MYE4K2L	0005	87		88		94		96		102	
MYE4K2S	0008	85		87		93		92		100	

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 Run Batch: LB133265 End Date : 11/03/2024

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	
MYE4K2SRE	0011	86		87		94		93		101	
ZZZZZZ	0014										
ZZZZZZ	0017										
ZZZZZZ	0021										
ZZZZZZ	0024										
ZZZZZZ	0027										
ZZZZZZ	0030										
ZZZZZZ	0033										
ZZZZZZ	0036										
ZZZZZZ	0039										
ZZZZZZ	0042										
CCV005	0045	86		82		89		83		101	
CCB005	0048	92		87		93		94		104	

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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	1741	100		100		100		100		100	
S02	1748	102		101		103		103		102	
S03	1751	104		103		103		104		105	
S04	1754	102		101		102		105		104	
S05	1757	101		102		100		106		106	
S06	1800	101		102		100		109		108	
S07	1802	100		100		97		107		107	
S08	1805	102		99		89		102		102	
ICV001	1809	106		104		105		107		106	
ICB001	1812	102		99		99		100		100	
ICSA001	1816	104		104		99		108		108	
ICSAB001	1819	106		104		100		109		109	
CCV001	1822	108		105		98		108		108	
CCB001	1828	107		105		107		108		108	
ZZZZZZ	1831										
ZZZZZZ	1834										
ZZZZZZ	1838										
ZZZZZZ	1841										
ZZZZZZ	1844										
ZZZZZZ	1847										
ZZZZZZ	1850										
ZZZZZZ	1853										
ZZZZZZ	1902										
ZZZZZZ	1906										
ZZZZZZ	1909										
ZZZZZZ	1915										
ZZZZZZ	1918										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1934										
ZZZZZZ	1937										
ZZZZZZ	1940										
ZZZZZZ	1943										
ZZZZZZ	1946										
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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	1955										
ZZZZZZ	1958										
CCV002	2001	99		99		93		105		106	
CCB002	2004	101		103		104		106		107	
ZZZZZZ	2007										
ZZZZZZ	2010										
ZZZZZZ	2013										
ZZZZZZ	2016										
ZZZZZZ	2020										
ZZZZZZ	2023										
ZZZZZZ	2036										
ZZZZZZ	2039										
ZZZZZZ	2048										
ZZZZZZ	2052										
ZZZZZZ	2055										
ZZZZZZ	2058										
ZZZZZZ	2101										
ZZZZZZ	2105										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2117										
ZZZZZZ	2120										
ZZZZZZ	2123										
ZZZZZZ	2126										
ZZZZZZ	2129										
ZZZZZZ	2132										
ZZZZZZ	2136										
ZZZZZZ	2139										
ZZZZZZ	2142										
CCV003	2145	95		96		90		102		103	
CCB003	2148	98		101		103		105		106	
ZZZZZZ	2151										
ZZZZZZ	2154										
ZZZZZZ	2157										
ZZZZZZ	2200										
ZZZZZZ	2203										
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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	2219										
ZZZZZZ	2222										
ZZZZZZ	2225										
PBS456	2231	99		102		103		105		105	
LCS456	2235	100		102		104		105		104	
LCSD456	2238	100		101		103		104		103	
MYE4K0	2241	103		107		98		103		102	
MYE4K1	2244	104		107		101		105		105	
MYE4K2	2247	104		106		100		103		103	
MYE4K2D	2251	105		108		102		105		104	
MYE4K2L	2254	99		102		103		105		106	
MYE4K2S	2257	102		106		101		105		105	
MYE4K2SRE	2300	100		104		99		105		104	
MYE4K3	2303	102		106		101		106		105	
MYE4K4	2306	101		105		100		105		104	
MYE4K5	2309	100		104		99		104		103	
MYE4K6	2312	100		104		99		103		103	
CCV004	2315	95		97		91		104		103	
CCB004	2318	98		102		104		108		107	
MYE4K7	2321	112		112		106		110		110	
MYE4K8	2324	109		110		104		108		107	
MYE4K9	2328	107		109		103		107		107	
MYE4L0	2331	104		108		102		106		105	
MYE4L1	2334	102		106		101		107		106	
MYE4L2	2337	103		107		100		106		106	
MYE4P6	2340	99		104		100		105		104	
MYE4P7	2343	105		102		93		101		100	
MYE4P8	2346	105		108		100		105		105	
MYE4P9	2349	95		99		96		100		100	
MYE4Q0	2352	103		105		100		104		105	
MYE4Q1	2355	101		105		100		106		107	
MYE4K2	2358	94		99		99		102		104	
MYE4K2D	0002	95		101		102		106		106	
MYE4K2L	0005	93		99		102		104		104	
MYE4K2S	0008	94		99		100		105		104	

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
MYE4K2SRE	0011	93		98		100		103		103	
ZZZZZZ	0014										
ZZZZZZ	0017										
ZZZZZZ	0021										
ZZZZZZ	0024										
ZZZZZZ	0027										
ZZZZZZ	0030										
ZZZZZZ	0033										
ZZZZZZ	0036										
ZZZZZZ	0039										
ZZZZZZ	0042										
CCV005	0045	88		92		88		101		101	
CCB005	0048	94		98		102		106		107	