

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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[illegible]

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDBD4
 Instrument ID: P7 Start Date : 10/29/2024
 Run Batch: LB133196 End Date : 10/30/2024

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	2022										
ZZZZZZ	2025										
ZZZZZZ	2028										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV031	2113	112		108		109		103		112	
CCB031	2116	102		104		104		104		107	
LCS279	2120	96		102		102		101		104	
PBS279	2133	94		101		100		100		101	
LCSD279	2136	92		98		99		99		100	
ZZZZZZ	2140										
ZZZZZZ	2143										
ZZZZZZ	2146										
ZZZZZZ	2149										
ZZZZZZ	2152										
ZZZZZZ	2155										
ZZZZZZ	2158										
ZZZZZZ	2202										
ZZZZZZ	2205										
ZZZZZZ	2208										
ZZZZZZ	2211										
ZZZZZZ	2214										
ZZZZZZ	2217										
ZZZZZZ	2220										
ZZZZZZ	2223										
CCV032	2307	92		106		108		100		110	
CCB032	2310	90		102		104		103		105	

FORM 14-IN

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 Instrument ID: P7 Start Date : 10/29/2024
 Run Batch: LB133196 End Date : 10/30/2024

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	
MYDBE1	2313	87		112		114		105		111	
MYDBE2	2316	85		115		118		104		109	
MYDBE3	2319	78		111		115		100		106	
MYDBE4	2322	84		110		114		105		111	
MYDBE5	2325	80		111		114		103		110	
MYDBE6	2328	78		112		117		104		109	
MYDBE6D	2331	76		109		116		102		108	
MYDBE6L	2334	78		106		109		105		108	
MYDBE6S	2338	82		110		115		104		110	
MYDBE6SRE	2341	85		110		115		105		111	
MYDBE7	2344	82		106		111		100		107	
MYDBE8	2347	82		111		117		104		109	
MYDBE9	2350	76		110		112		102		108	
MYDBF0	2353	78		106		112		101		109	
MYDBF1	2356	79		108		113		102		108	
MYDBF2	2359	81		111		117		104		111	
MYDBF3	0002	83		108		111		103		109	
ZZZZZZ	0005										
ZZZZZZ	0008										
ZZZZZZ	0011										
ZZZZZZ	0014										
ZZZZZZ	0017										
ZZZZZZ	0020										
MYDBE6	0023	79		102		106		103		108	
MYDBE6D	0026	77		102		105		103		106	
MYDBE6L	0029	76		101		105		103		106	
CCV033	0033	94		103		107		100		111	
CCB033	0036	92		101		104		103		106	
MYDBE6S	0039	93		104		108		104		111	
MYDBE6SRE	0042	86		104		106		104		109	
ZZZZZZ	0045										
ZZZZZZ	0048										
ZZZZZZ	0051										
ZZZZZZ	0055										
ZZZZZZ	0058										
ZZZZZZ	0101										
MYDBD4	0104	88		107		110		101		108	
MYDBD5	0107	84		108		112		102		109	

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Instrument ID: P7	Start Date : 10/29/2024
Run Batch: LB133196	End Date : 10/30/2024

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
MYDBD6	0110	82		107		111		103		109	
MYDBD7	0113	83		107		114		103		109	
MYDBD8	0116	83		106		111		102		110	
MYDBD9	0119	80		107		112		100		108	
MYDBE0	0130	74		107		112		100		106	
MYDBE1	0133	77		105		108		103		110	
MYDBE4	0136	83		106		110		104		109	
MYDBE5	0139	79		107		109		103		108	
MYDBF1	0142	77		101		105		99		103	
MYDBF3	0145	79		105		108		104		108	
MYDBE6ARE	0148	79		106		111		100		107	
MYDBD4	0151	80		103		108		101		107	
MYDBD5	0154	81		105		108		103		108	
MYDBD6	0157	81		103		106		102		107	
MYDBD7	0200	81		105		110		103		109	
MYDBD8	0203	83		104		107		102		109	
MYDBD9	0206	80		103		108		103		108	
MYDBE0	0209	75		102		107		99		105	
MYDBE6ARE	0212	75		102		106		100		107	
CCV034	0215	89		102		106		100		110	
CCB034	0218	90		99		102		101		105	

FORM 14-IN

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDBD4
 Instrument ID: P7 Start Date : 10/29/2024
 Run Batch: LB133196 End Date : 10/30/2024

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	1813	100		100		100		100		100	
S02	1819	99		98		99		100		98	
S03	1822	101		99		100		102		101	
S04	1826	100		101		100		99		101	
S05	1829	101		99		100		103		102	
S06	1831	102		102		101		106		106	
S07	1834	104		103		101		109		108	
S08	1837	107		104		99		109		108	
ICV006	1842	102		101		102		102		102	
ICB006	1845	101		102		102		103		101	
ICSA006	1849	105		104		101		107		107	
ICSAB006	1852	108		106		104		110		109	
CCV029	1855	110		106		102		108		109	
CCB029	1858	105		104		105		105		105	
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1934										
ZZZZZZ	1937										
CCV030	1940	110		106		104		111		110	
CCB030	1943	101		101		102		104		103	
ZZZZZZ	1947										
ZZZZZZ	1950										
ZZZZZZ	1953										
ZZZZZZ	1956										
ZZZZZZ	2000										
ZZZZZZ	2006										
ZZZZZZ	2009										
ZZZZZZ	2012										
ZZZZZZ	2016										
ZZZZZZ	2019										

FORM 14-IN

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 Run Batch: LB133196 End Date : 10/30/2024

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	2022										
ZZZZZZ	2025										
ZZZZZZ	2028										
ZZZZZZ	2032										
ZZZZZZ	2035										
ZZZZZZ	2038										
ZZZZZZ	2041										
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2051										
ZZZZZZ	2054										
ZZZZZZ	2057										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2107										
ZZZZZZ	2110										
CCV031	2113	107		105		100		109		108	
CCB031	2116	102		102		103		104		104	
LCS279	2120	100		99		102		102		102	
PBS279	2133	100		99		100		100		99	
LCSD279	2136	100		99		101		101		100	
ZZZZZZ	2140										
ZZZZZZ	2143										
ZZZZZZ	2146										
ZZZZZZ	2149										
ZZZZZZ	2152										
ZZZZZZ	2155										
ZZZZZZ	2158										
ZZZZZZ	2202										
ZZZZZZ	2205										
ZZZZZZ	2208										
ZZZZZZ	2211										
ZZZZZZ	2214										
ZZZZZZ	2217										
ZZZZZZ	2220										
ZZZZZZ	2223										
CCV032	2307	106		104		101		107		107	
CCB032	2310	101		102		104		104		103	

FORM 14-IN

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		Element		Element		Element		Element		Element	
		45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q	165Ho	Q
MYDBE1	2313	110		110		104		107		108	
MYDBE2	2316	115		115		105		107		107	
MYDBE3	2319	116		118		104		107		106	
MYDBE4	2322	110		111		104		107		107	
MYDBE5	2325	111		109		102		105		106	
MYDBE6	2328	111		114		103		104		105	
MYDBE6D	2331	111		113		103		105		105	
MYDBE6L	2334	106		106		105		106		105	
MYDBE6S	2338	111		112		105		106		106	
MYDBE6SRE	2341	109		111		103		108		106	
MYDBE7	2344	108		110		103		104		104	
MYDBE8	2347	111		112		102		104		105	
MYDBE9	2350	111		108		103		104		103	
MYDBF0	2353	109		111		103		106		106	
MYDBF1	2356	109		110		103		106		106	
MYDBF2	2359	111		112		103		107		106	
MYDBF3	0002	107		107		101		105		104	
ZZZZZZ	0005										
ZZZZZZ	0008										
ZZZZZZ	0011										
ZZZZZZ	0014										
ZZZZZZ	0017										
ZZZZZZ	0020										
MYDBE6	0023	102		103		103		103		103	
MYDBE6D	0026	102		102		102		102		103	
MYDBE6L	0029	101		101		102		103		102	
CCV033	0033	102		103		100		108		108	
CCB033	0036	100		101		104		104		105	
MYDBE6S	0039	103		103		104		105		105	
MYDBE6SRE	0042	103		104		103		104		105	
ZZZZZZ	0045										
ZZZZZZ	0048										
ZZZZZZ	0051										
ZZZZZZ	0055										
ZZZZZZ	0058										
ZZZZZZ	0101										
MYDBD4	0104	104		105		100		104		104	
MYDBD5	0107	107		108		101		105		104	

FORM 14-IN

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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
MYDBD6	0110	105		106		101		104		104	
MYDBD7	0113	106		109		101		105		105	
MYDBD8	0116	106		106		101		104		105	
MYDBD9	0119	106		108		102		103		104	
MYDBE0	0130	107		109		101		102		103	
MYDBE1	0133	104		105		103		104		104	
MYDBE4	0136	104		106		104		105		104	
MYDBE5	0139	105		106		104		105		106	
MYDBF1	0142	105		107		104		104		105	
MYDBF3	0145	102		103		101		104		103	
MYDBE6ARE	0148	105		108		101		104		104	
MYDBD4	0151	102		103		102		103		103	
MYDBD5	0154	104		105		104		105		105	
MYDBD6	0157	101		102		102		103		104	
MYDBD7	0200	104		106		103		106		105	
MYDBD8	0203	102		104		102		105		104	
MYDBD9	0206	102		104		102		103		102	
MYDBE0	0209	103		105		102		103		103	
MYDBE6ARE	0212	101		103		100		101		101	
CCV034	0215	99		99		98		105		106	
CCB034	0218	97		99		103		104		104	