

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.: MYDAT3
 Instrument ID: P7 Start Date : 10/27/2024
 Run Batch: LB133170 End Date : 10/28/2024

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	1555	100		100		100		100		100	
S02	1558	104		102		103		102		103	
S03	1601	104		105		106		104		106	
S04	1605	107		106		108		106		109	
S05	1608	111		107		109		107		110	
S06	1610	109		107		111		107		114	
S07	1616	107		107		112		107		116	
S08	1619	110		108		109		100		113	
ICV002	1629	101		112		112		109		109	
ICB002	1637	98		104		106		106		106	
ICSA002	1643	97		105		108		103		108	
ICSAB002	1647	100		113		117		112		118	
CCV007	1658	97		112		115		105		115	
CCB007	1707	93		107		110		107		110	
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1718										
ZZZZZZ	1721										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1731										
ZZZZZZ	1737										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1747										
ZZZZZZ	1750										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1807										
ZZZZZZ	1810										
ZZZZZZ	1813										
ZZZZZZ	1817										
CCV008	1820	98		113		116		107		117	
CCB008	1823	89		106		108		106		107	
ZZZZZZ	1826										
ZZZZZZ	1829										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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 Run Batch: LB133170 End Date : 10/28/2024

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	2317										
PBS201	2322	84		111		112		110		109	
LCSD201	2325	85		111		112		111		111	
LCS201	2333	85		111		112		110		109	
ZZZZZZ	2337										
MYDAT3	2343	88		117		119		110		112	
MYDAT4	2346	83		115		118		108		111	
MYDAT5	2350	81		113		118		106		109	
MYDAT5D	2353	77		112		117		106		111	
MYDAT5S	2359	79		114		119		109		111	
MYDAT5SRE	0004	80		115		120		108		112	
MYDAT5L	0008	83		111		114		110		112	
MYDAT5	0011	82		110		114		111		114	
MYDAT5D	0014	83		112		114		111		112	
MYDAT5L	0017	83		109		112		110		111	
MYDAT5S	0021	84		111		115		109		111	
MYDAT5SRE	0024	84		111		114		109		112	
MYDAT6	0027	81		111		121		104		108	
MYDAT7	0030	80		117		121		108		113	
MYDAT8	0034	80		114		120		108		111	
MYDAT9	0037	82		117		123		112		115	
MYDAW0	0040	78		114		120		106		111	
MYDAW1	0043	78		112		117		107		110	
CCV012	0047	84		111		114		105		114	
CCB012	0050	86		109		113		111		113	
MYDAW2	0053	79		118		125		110		114	
MYDAW3	0056	74		118		123		109		113	
MYDAW4	0059	75		116		123		108		113	
MYDAW5	0103	74		118		122		108		113	
MYDAW6	0106	78		116		121		110		113	
MYDAW7	0109	77		115		121		109		113	
MYDAW8	0112	73		116		121		108		112	
MYDAW9	0115	72		114		121		108		112	
MYDAX0	0119	74		113		118		108		112	
MYDAX1	0122	77		118		124		109		112	
MYDAX2	0125	74		114		118		106		111	
ZZZZZZ	0128										
ZZZZZZ	0132										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51772	MA No.: SDG No.: MYDAT3
Instrument ID: P7	Start Date : 10/27/2024
Run Batch: LB133170	End Date : 10/28/2024

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	0135										
ICSA003	0138	78		102		105		99		106	
ICSAB003	0141	80		105		109		103		111	
CCV013	0145	85		109		115		106		116	
CCB013	0147	85		108		112		111		113	

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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	1555	100		100		100		100		100	
S02	1558	101		98		100		100		101	
S03	1601	103		101		104		103		103	
S04	1605	103		101		103		106		106	
S05	1608	102		102		103		105		106	
S06	1610	101		102		102		107		108	
S07	1616	101		102		102		109		109	
S08	1619	106		105		98		108		109	
ICV002	1629	110		108		108		106		107	
ICB002	1637	104		103		104		101		102	
ICSA002	1643	105		106		103		107		106	
ICSAB002	1647	108		107		104		108		108	
CCV007	1658	110		106		102		108		108	
CCB007	1707	106		105		108		106		105	
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1718										
ZZZZZZ	1721										
ZZZZZZ	1724										
ZZZZZZ	1727										
ZZZZZZ	1731										
ZZZZZZ	1737										
ZZZZZZ	1741										
ZZZZZZ	1744										
ZZZZZZ	1747										
ZZZZZZ	1750										
ZZZZZZ	1754										
ZZZZZZ	1757										
ZZZZZZ	1800										
ZZZZZZ	1803										
ZZZZZZ	1807										
ZZZZZZ	1810										
ZZZZZZ	1813										
ZZZZZZ	1817										
CCV008	1820	111		107		103		108		109	
CCB008	1823	105		105		105		103		103	
ZZZZZZ	1826										
ZZZZZZ	1829										

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 Run Batch: LB133170 End Date : 10/28/2024

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	1833										
ZZZZZZ	1836										
ZZZZZZ	1839										
ZZZZZZ	1842										
ZZZZZZ	1846										
ZZZZZZ	1849										
ZZZZZZ	1852										
ZZZZZZ	1855										
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1905										
ZZZZZZ	1908										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1921										
ZZZZZZ	1924										
ZZZZZZ	1927										
ZZZZZZ	1930										
ZZZZZZ	1933										
CCV009	1946	112		111		105		109		110	
CCB009	1949	106		106		108		104		106	
ZZZZZZ	1952										
ZZZZZZ	1955										
ZZZZZZ	1959										
ZZZZZZ	2002										
ZZZZZZ	2005										
ZZZZZZ	2008										
ZZZZZZ	2012										
ZZZZZZ	2015										
ZZZZZZ	2018										
ZZZZZZ	2021										
ZZZZZZ	2025										
ZZZZZZ	2028										
ZZZZZZ	2031										
ZZZZZZ	2035										
ZZZZZZ	2039										
ZZZZZZ	2042										

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 Run Batch: LB133170 End Date : 10/28/2024

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	2045										
ZZZZZZ	2048										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2118										
CCV010	2121	109		107		103		107		109	
CCB010	2124	103		104		105		103		104	
ZZZZZZ	2127										
ZZZZZZ	2131										
ZZZZZZ	2134										
ZZZZZZ	2137										
ZZZZZZ	2140										
ZZZZZZ	2143										
ZZZZZZ	2147										
ZZZZZZ	2150										
ZZZZZZ	2153										
ZZZZZZ	2156										
ZZZZZZ	2200										
ZZZZZZ	2203										
ZZZZZZ	2206										
ZZZZZZ	2209										
ZZZZZZ	2212										
ZZZZZZ	2216										
ZZZZZZ	2219										
ZZZZZZ	2222										
ZZZZZZ	2225										
ZZZZZZ	2228										
ZZZZZZ	2232										
ZZZZZZ	2235										
ZZZZZZ	2238										
ZZZZZZ	2241										
ZZZZZZ	2247										
ZZZZZZ	2250										
CCV011	2257	109		106		101		106		108	
CCB011	2307	101		101		101		96		98	

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 Run Batch: LB133170 End Date : 10/28/2024

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	2317										
PBS201	2322	109		108		109		103		104	
LCSD201	2325	109		109		109		105		104	
LCS201	2333	109		107		107		103		104	
ZZZZZZ	2337										
MYDAT3	2343	115		114		107		104		105	
MYDAT4	2346	114		114		105		104		104	
MYDAT5	2350	112		111		104		101		101	
MYDAT5D	2353	114		113		105		104		104	
MYDAT5S	2359	114		112		104		103		104	
MYDAT5SRE	0004	113		111		106		103		104	
MYDAT5L	0008	108		108		108		104		105	
MYDAT5	0011	109		110		108		105		104	
MYDAT5D	0014	109		108		107		104		105	
MYDAT5L	0017	108		106		108		104		104	
MYDAT5S	0021	109		109		107		103		104	
MYDAT5SRE	0024	108		107		105		103		103	
MYDAT6	0027	114		119		105		104		103	
MYDAT7	0030	116		115		106		104		105	
MYDAT8	0034	112		113		106		104		104	
MYDAT9	0037	112		112		105		102		104	
MYDAW0	0040	112		113		105		102		102	
MYDAW1	0043	112		112		106		104		104	
CCV012	0047	108		106		102		107		107	
CCB012	0050	106		107		109		106		108	
MYDAW2	0053	118		119		108		106		105	
MYDAW3	0056	117		118		108		106		106	
MYDAW4	0059	115		116		107		104		105	
MYDAW5	0103	117		115		107		104		105	
MYDAW6	0106	113		114		107		104		105	
MYDAW7	0109	113		113		106		104		105	
MYDAW8	0112	114		116		106		103		103	
MYDAW9	0115	109		110		102		100		100	
MYDAX0	0119	112		112		105		103		103	
MYDAX1	0122	116		117		106		104		105	
MYDAX2	0125	112		110		103		101		100	
ZZZZZZ	0128										
ZZZZZZ	0132										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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	0135										
ICSA003	0138	102		101		100		100		100	
ICSAB003	0141	104		103		102		103		103	
CCV013	0145	108		106		102		108		108	
CCB013	0147	104		106		108		105		105	

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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.: MYDAT3
 Instrument ID: P7 Start Date : 10/28/2024
 Run Batch: LB133179 End Date : 10/28/2024

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	1322	100		100		100		100		100	
S02	1326	98		99		99		99		99	
S03	1329	96		97		97		98		98	
S04	1332	102		99		100		99		101	
S05	1335	109		100		101		99		103	
S06	1338	113		100		103		100		104	
S07	1341	116		99		103		99		105	
S08	1344	112		99		99		91		103	
ICV003	1403	104		100		100		99		101	
ICB003	1406	101		98		98		97		98	
ICSA004	1410	107		99		102		98		105	
ICSAB004	1413	108		104		105		100		107	
CCV018	1416	106		102		105		97		107	
CCB018	1419	109		102		104		103		107	
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1446										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1521										
ZZZZZZ	1525										
CCV019	1528	98		98		102		95		105	
CCB019	1535	97		101		102		102		104	
ZZZZZZ	1539										
ZZZZZZ	1542										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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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	1545										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1619										
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1629										
ZZZZZZ	1632										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
CCV020	1655	99		99		104		96		106	
CCB020	1658	101		98		101		102		106	
ZZZZZZ	1701										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
MYDAT5ARE	1724	89		103		109		100		105	
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
CCV021	1743	92		97		103		94		104	
CCB021	1745	96		99		103		103		106	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51772
		MA No.:	SDG No.: MYDAT3
Instrument ID:	P7	Start Date :	10/28/2024
Run Batch:	LB133179	End Date :	10/28/2024

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 Run Batch: LB133179 End Date : 10/28/2024

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	1322	100		100		100		100		100	
S02	1326	100		100		99		101		102	
S03	1329	99		99		99		101		101	
S04	1332	100		100		99		102		105	
S05	1335	99		100		100		104		107	
S06	1338	100		100		100		107		109	
S07	1341	97		98		97		107		108	
S08	1344	99		100		92		106		107	
ICV003	1403	100		100		101		102		103	
ICB003	1406	97		98		98		100		100	
ICSA004	1410	102		104		100		109		110	
ICSAB004	1413	104		104		102		110		111	
CCV018	1416	102		104		98		107		109	
CCB018	1419	99		102		104		107		108	
ZZZZZZ	1422										
ZZZZZZ	1425										
ZZZZZZ	1429										
ZZZZZZ	1432										
ZZZZZZ	1435										
ZZZZZZ	1438										
ZZZZZZ	1442										
ZZZZZZ	1446										
ZZZZZZ	1449										
ZZZZZZ	1452										
ZZZZZZ	1455										
ZZZZZZ	1458										
ZZZZZZ	1502										
ZZZZZZ	1505										
ZZZZZZ	1508										
ZZZZZZ	1511										
ZZZZZZ	1515										
ZZZZZZ	1518										
ZZZZZZ	1521										
ZZZZZZ	1525										
CCV019	1528	97		100		96		106		106	
CCB019	1535	98		102		102		104		105	
ZZZZZZ	1539										
ZZZZZZ	1542										

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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	1545										
ZZZZZZ	1549										
ZZZZZZ	1552										
ZZZZZZ	1555										
ZZZZZZ	1559										
ZZZZZZ	1602										
ZZZZZZ	1605										
ZZZZZZ	1609										
ZZZZZZ	1612										
ZZZZZZ	1615										
ZZZZZZ	1619										
ZZZZZZ	1622										
ZZZZZZ	1625										
ZZZZZZ	1629										
ZZZZZZ	1632										
ZZZZZZ	1635										
ZZZZZZ	1638										
ZZZZZZ	1641										
ZZZZZZ	1645										
ZZZZZZ	1648										
ZZZZZZ	1651										
CCV020	1655	98		101		97		106		108	
CCB020	1658	95		99		101		103		105	
ZZZZZZ	1701										
ZZZZZZ	1705										
ZZZZZZ	1708										
ZZZZZZ	1711										
ZZZZZZ	1714										
ZZZZZZ	1717										
ZZZZZZ	1720										
MYDAT5ARE	1724	102		105		101		104		106	
ZZZZZZ	1727										
ZZZZZZ	1730										
ZZZZZZ	1733										
ZZZZZZ	1736										
ZZZZZZ	1739										
CCV021	1743	95		98		95		104		106	
CCB021	1745	95		99		102		105		107	

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Code:	ACE	Case No.:	51772
		MA No.:	SDG No.: MYDAT3
Instrument ID:	P7	Start Date :	10/28/2024
Run Batch:	LB133179	End Date :	10/28/2024

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