

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.: MYDAN1
 Instrument ID: P7 Start Date : 10/27/2024
 Run Batch: LB133170 End Date : 10/27/2024

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	
PBS187	1826	95		113		115		113		114	
LCS187	1829	94		113		115		113		114	

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDAN1
 Instrument ID: P7 Start Date : 10/27/2024
 Run Batch: LB133170 End Date : 10/27/2024

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	
LCSD187	1833	96		113		116		114		113	
MYDAN1	1836	94		114		119		106		110	
MYDAN1D	1839	94		115		120		107		112	
MYDAN1L	1842	90		109		110		108		109	
MYDAN1S	1846	89		113		118		105		110	
MYDAN1SRE	1849	88		112		117		106		109	
MYDAP0	1852	89		111		117		107		111	
MYDAP1	1855	88		115		120		107		110	
MYDAP6	1858	88		112		116		107		111	
MYDAP7	1901	88		113		115		106		109	
MYDAP8	1905	92		114		119		106		111	
MYDAP9	1908	86		112		117		105		111	
MYDAQ0	1911	88		113		117		106		110	
MYDAQ1	1914	84		114		119		108		112	
MYDAQ2	1917	85		115		122		108		112	
MYDAQ3	1921	85		115		120		108		113	
MYDAQ4	1924	81		113		117		108		111	
MYDAQ5	1927	82		115		121		107		112	
MYDAQ7	1930	79		111		117		106		111	
MYDAQ8	1933	78		112		116		107		110	
CCV009	1946	94		115		118		109		118	
CCB009	1949	90		108		110		108		110	
MYDAQ9	1952	88		115		121		108		112	
MYDAR0	1955	84		115		119		106		111	
MYDAR1	1959	82		112		116		106		109	
MYDAR2	2002	83		116		120		107		112	
MYDAR3	2005	84		116		121		106		111	
MYDAN1	2008	87		111		113		109		111	
MYDAN1D	2012	86		110		113		110		112	
MYDAN1L	2015	87		109		111		110		111	
MYDAN1S	2018	86		109		112		109		111	
MYDAN1SRE	2021	86		109		113		107		109	
ZZZZZZ	2025										
ZZZZZZ	2028										
ZZZZZZ	2031										
ZZZZZZ	2035										
ZZZZZZ	2039										
ZZZZZZ	2042										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>10/27/2024</u>
Run Batch: <u>LB133170</u>	End Date : <u>10/27/2024</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
ZZZZZZ	2045										
ZZZZZZ	2048										
ZZZZZZ	2101										
ZZZZZZ	2104										
ZZZZZZ	2108										
ZZZZZZ	2111										
ZZZZZZ	2114										
ZZZZZZ	2118										
CCV010	2121	93		111		114		105		114	
CCB010	2124	86		105		108		107		107	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDAN1
 Instrument ID: P7 Start Date : 10/27/2024
 Run Batch: LB133170 End Date : 10/27/2024

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	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	
PBS187	1826	109		109		110		107		107	
LCS187	1829	110		109		111		107		108	

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 Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDAN1
 Instrument ID: P7 Start Date : 10/27/2024
 Run Batch: LB133170 End Date : 10/27/2024

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
LCSD187	1833	110		110		109		108		109	
MYDAN1	1836	113		114		106		104		106	
MYDAN1D	1839	112		113		106		105		105	
MYDAN1L	1842	106		106		105		103		103	
MYDAN1S	1846	112		114		104		104		104	
MYDAN1SRE	1849	111		112		103		105		105	
MYDAP0	1852	111		113		104		103		105	
MYDAP1	1855	115		115		105		104		105	
MYDAP6	1858	112		112		106		106		106	
MYDAP7	1901	112		110		105		103		105	
MYDAP8	1905	112		113		104		104		104	
MYDAP9	1908	111		111		105		103		104	
MYDAQ0	1911	112		111		106		104		103	
MYDAQ1	1914	116		117		106		105		105	
MYDAQ2	1917	116		117		106		107		105	
MYDAQ3	1921	115		115		108		106		106	
MYDAQ4	1924	113		113		107		103		104	
MYDAQ5	1927	116		116		106		105		105	
MYDAQ7	1930	114		114		106		104		106	
MYDAQ8	1933	112		112		104		104		104	
CCV009	1946	112		111		105		109		110	
CCB009	1949	106		106		108		104		106	
MYDAQ9	1952	116		116		107		106		106	
MYDAR0	1955	115		115		105		104		104	
MYDAR1	1959	114		113		107		104		104	
MYDAR2	2002	117		117		107		105		106	
MYDAR3	2005	118		116		108		105		106	
MYDAN1	2008	110		110		107		105		106	
MYDAN1D	2012	110		109		106		106		106	
MYDAN1L	2015	107		106		106		105		104	
MYDAN1S	2018	109		108		106		105		105	
MYDAN1SRE	2021	108		108		106		103		104	
ZZZZZZ	2025										
ZZZZZZ	2028										
ZZZZZZ	2031										
ZZZZZZ	2035										
ZZZZZZ	2039										
ZZZZZZ	2042										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Instrument ID: <u>P7</u>	Start Date : <u>10/27/2024</u>
Run Batch: <u>LB133170</u>	End Date : <u>10/27/2024</u>

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	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	

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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.: MYDAN1
 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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Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51772	MA No.: SDG No.: MYDAN1
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 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										
MYDAN1ARE	1714	91		107		113		103		109	
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
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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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.: MYDAN1
 Instrument ID: P7 Start Date : 10/28/2024
 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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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.: MYDAN1
 Instrument ID: P7 Start Date : 10/28/2024
 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
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										
MYDAN1ARE	1714	107		112		105		107		109	
ZZZZZZ	1717										
ZZZZZZ	1720										
ZZZZZZ	1724										
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 Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51772
		MA No.:	SDG No.: MYDAN1
Instrument ID:	P7	Start Date :	10/28/2024
Run Batch:	LB133179	End Date :	10/28/2024

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