

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GT6
 Instrument ID: P7 Start Date : 11/18/2024
 Run Batch: LB133504 End Date : 11/18/2024

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	0431	100		100		100		100		100	
S02	0438	103		99		100		100		100	
S03	0441	104		98		99		98		100	
S04	0444	107		97		98		98		102	
S05	0447	104		94		97		94		100	
S06	0449	101		90		94		91		99	
S07	0452	92		86		91		86		97	
S08	0455	89		88		90		80		94	
ICV001	0553	102		99		99		99		101	
ICB001	0557	102		97		97		98		99	
ICSA001	0600	90		91		94		88		99	
ICSAB001	0603	85		92		98		92		103	
CCV001	0606	82		94		98		90		103	
CCB001	0609	92		97		102		101		104	
ZZZZZZ	0625										
ZZZZZZ	0628										
PBS951	0631	99		97		100		100		103	
LCS951	0635	97		96		99		99		101	
ZZZZZZ	0638										
ZZZZZZ	0641										
ZZZZZZ	0644										
ZZZZZZ	0647										
ZZZZZZ	0650										
ZZZZZZ	0653										
ZZZZZZ	0656										
ZZZZZZ	0659										
ZZZZZZ	0702										
ZZZZZZ	0705										
ZZZZZZ	0708										
ZZZZZZ	0711										
ZZZZZZ	0714										
ZZZZZZ	0717										
ZZZZZZ	0720										
ZZZZZZ	0723										
MH2GT6	0726	102		100		108		100		108	
CCV002	0729	96		95		99		91		103	
CCB002	0731	102		94		97		97		101	
MH2GT7	0735	106		97		103		98		106	

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		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
MH2GT8	0738	102		96		104		97		106	
MH2GT9	0741	97		95		101		96		104	
MH2GT9D	0743	96		95		102		97		104	
MH2GT9L	0746	96		94		98		97		102	
MH2GT9S	0749	97		95		103		97		105	
MH2GW0	0752	98		96		101		95		105	
MH2GW1	0755	101		96		101		96		105	
MH2GW2	0758	101		98		101		94		104	
MH2GW3	0801	102		102		102		97		104	
MH2GW4	0805	100		103		103		96		103	
MH2GT6	0837	97		95		97		93		98	
CCV003	0840	92		93		95		87		98	
CCB003	0843	98		93		95		96		99	

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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	0431	100		100		100		100		100	
S02	0438	101		101		101		103		101	
S03	0441	98		97		97		101		100	
S04	0444	94		94		94		100		100	
S05	0447	93		93		94		102		101	
S06	0449	93		93		92		102		101	
S07	0452	94		93		90		102		101	
S08	0455	91		91		82		95		95	
ICV001	0553	99		99		99		101		101	
ICB001	0557	100		98		99		101		101	
ICSA001	0600	94		94		90		99		98	
ICSAB001	0603	96		98		94		102		102	
CCV001	0606	96		97		90		102		102	
CCB001	0609	100		102		103		106		105	
ZZZZZZ	0625										
ZZZZZZ	0628										
PBS951	0631	98		98		99		101		101	
LCS951	0635	98		98		98		101		100	
ZZZZZZ	0638										
ZZZZZZ	0641										
ZZZZZZ	0644										
ZZZZZZ	0647										
ZZZZZZ	0650										
ZZZZZZ	0653										
ZZZZZZ	0656										
ZZZZZZ	0659										
ZZZZZZ	0702										
ZZZZZZ	0705										
ZZZZZZ	0708										
ZZZZZZ	0711										
ZZZZZZ	0714										
ZZZZZZ	0717										
ZZZZZZ	0720										
ZZZZZZ	0723										
MH2GT6	0726	102		106		101		109		108	
CCV002	0729	97		97		90		102		101	
CCB002	0731	97		97		99		103		102	
MH2GT7	0735	100		103		100		108		107	

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 Run Batch: LB133504 End Date : 11/18/2024

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
MH2GT8	0738	99		103		98		105		104	
MH2GT9	0741	96		101		97		104		103	
MH2GT9D	0743	97		101		97		105		104	
MH2GT9L	0746	96		96		97		104		102	
MH2GT9S	0749	98		101		97		105		103	
MH2GW0	0752	98		100		97		105		104	
MH2GW1	0755	96		100		97		104		105	
MH2GW2	0758	103		102		95		103		102	
MH2GW3	0801	104		103		98		105		105	
MH2GW4	0805	104		104		97		104		103	
MH2GT6	0837	97		97		95		100		100	
CCV003	0840	94		95		87		99		98	
CCB003	0843	96		97		98		102		101	

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51822 MA No.: SDG No.: MH2GT6
 Instrument ID: P7 Start Date : 11/20/2024
 Run Batch: LB133538 End Date : 11/20/2024

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	0921	100		100		100		100		100	
S02	0928	100		98		99		98		99	
S03	0931	102		100		102		101		103	
S04	0934	100		97		99		98		102	
S05	0937	103		98		101		99		104	
S06	0940	100		96		100		96		104	
S07	0942	101		98		103		98		108	
S08	0945	92		96		99		88		102	
ICV002	1003	101		106		106		105		105	
ICB002	1007	98		100		101		100		100	
ICSA002	1011	93		98		101		95		105	
ICSAB002	1014	88		99		103		98		107	
CCV004	1017	89		101		106		97		110	
CCB004	1019	96		98		101		100		104	
ZZZZZZ	1023										
ZZZZZZ	1026										
ZZZZZZ	1029										
ZZZZZZ	1032										
ZZZZZZ	1036										
ZZZZZZ	1039										
ZZZZZZ	1042										
ZZZZZZ	1045										
ZZZZZZ	1049										
ZZZZZZ	1052										
MH2GT9A	1055	100		105		110		104		110	
ZZZZZZ	1058										
ZZZZZZ	1101										
ZZZZZZ	1104										
ZZZZZZ	1110										
ZZZZZZ	1114										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1123										
ZZZZZZ	1126										
ZZZZZZ	1130										
ZZZZZZ	1133										
ZZZZZZ	1136										
ZZZZZZ	1139										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element 6Li		Element 45Sc		Element 89Y		Element 103Rh		Element 159Tb	
CCV005	1142	98		100		103		95		109	
CCB005	1145	100		97		100		100		104	

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 Instrument ID: P7 Start Date : 11/20/2024
 Run Batch: LB133538 End Date : 11/20/2024

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	0921	100		100		100		100		100	
S02	0928	99		99		100		98		99	
S03	0931	98		101		100		102		102	
S04	0934	96		100		99		100		102	
S05	0937	95		101		99		102		104	
S06	0940	95		99		97		103		104	
S07	0942	100		102		98		105		107	
S08	0945	97		100		88		98		99	
ICV002	1003	105		107		106		105		106	
ICB002	1007	101		103		103		102		104	
ICSA002	1011	97		100		96		102		104	
ICSAB002	1014	101		104		98		105		106	
CCV004	1017	100		103		96		104		106	
CCB004	1019	99		104		105		104		106	
ZZZZZZ	1023										
ZZZZZZ	1026										
ZZZZZZ	1029										
ZZZZZZ	1032										
ZZZZZZ	1036										
ZZZZZZ	1039										
ZZZZZZ	1042										
ZZZZZZ	1045										
ZZZZZZ	1049										
ZZZZZZ	1052										
MH2GT9A	1055	101		107		105		107		108	
ZZZZZZ	1058										
ZZZZZZ	1101										
ZZZZZZ	1104										
ZZZZZZ	1110										
ZZZZZZ	1114										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1123										
ZZZZZZ	1126										
ZZZZZZ	1130										
ZZZZZZ	1133										
ZZZZZZ	1136										
ZZZZZZ	1139										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name:	Alliance Technical Group, LLC	Contract:	68HERH20D0011
Lab Code:	ACE	Case No.:	51822
		MA No.:	SDG No.: MH2GT6
Instrument ID:	P7	Start Date :	11/20/2024
Run Batch:	LB133538	End Date :	11/20/2024

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
CCV005	1142	100		103		96		104		106	
CCB005	1145	99		103		104		104		105	