

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51880 MA No.: SDG No.: E29T2
 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										
PBW103	1029	97		102		106		105		107	
LCS103	1032	97		104		106		106		107	
ZZZZZZ	1036										
ZZZZZZ	1039										
ZZZZZZ	1042										
ZZZZZZ	1045										
ZZZZZZ	1049										
ZZZZZZ	1052										
ZZZZZZ	1055										
E29S4	1058	95		101		104		100		106	
E29S4D	1101	94		103		105		101		106	
E29S4L	1104	97		101		104		103		105	
E29T2	1110	99		106		109		106		112	
E29T4	1114	100		105		108		104		111	
E29W0	1117	102		104		107		107		110	
E29W4	1120	101		98		101		102		104	
E29W1	1123	103		100		104		104		108	
E29W5	1126	102		99		102		103		106	
E29R6	1130	105		102		107		102		110	
E29S0	1133	104		102		106		103		109	
E29S2	1136	105		103		108		102		110	
E29S6	1139	104		104		106		101		111	

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		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li		45Sc		89Y		103Rh		159Tb	
CCV005	1142	98		100		103		95		109	
CCB005	1145	100		97		100		100		104	
E29W6	1202	97		103		104		104		106	
E29W2	1205	98		103		105		105		107	
ZZZZZZ	1209										
ZZZZZZ	1212										
ZZZZZZ	1215										
ZZZZZZ	1218										
ZZZZZZ	1221										
ZZZZZZ	1224										
ZZZZZZ	1228										
ZZZZZZ	1231										
ZZZZZZ	1234										
ZZZZZZ	1237										
ZZZZZZ	1240										
ZZZZZZ	1243										
ZZZZZZ	1247										
ZZZZZZ	1250										
ZZZZZZ	1253										
ZZZZZZ	1256										
ZZZZZZ	1259										
ZZZZZZ	1302										
ZZZZZZ	1305										
ZZZZZZ	1309										
ZZZZZZ	1312										
ZZZZZZ	1315										
ZZZZZZ	1318										
ZZZZZZ	1321										
ZZZZZZ	1324										
CCV006	1328	95		104		108		99		110	
CCB006	1330	95		100		105		105		107	
ZZZZZZ	1334										
ZZZZZZ	1338										
ZZZZZZ	1341										
ZZZZZZ	1344										
ZZZZZZ	1347										
ZZZZZZ	1350										
ZZZZZZ	1353										

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EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element		Element		Element		Element		Element	
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
CCV007	1358	97		101		104		96		108	
CCB007	1400	99		99		103		104		106	
E29S4S	1404	99		101		104		100		108	
CCV008	1445	92		95		97		89		99	
CCB008	1448	94		94		96		96		97	

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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	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										
PBW103	1029	103		107		107		107		107	
LCS103	1032	102		106		106		106		107	
ZZZZZZ	1036										
ZZZZZZ	1039										
ZZZZZZ	1042										
ZZZZZZ	1045										
ZZZZZZ	1049										
ZZZZZZ	1052										
ZZZZZZ	1055										
E29S4	1058	102		105		102		105		107	
E29S4D	1101	101		103		100		103		104	
E29S4L	1104	103		106		105		105		107	
E29T2	1110	104		108		105		108		110	
E29T4	1114	103		107		103		107		109	
E29W0	1117	99		104		105		105		107	
E29W4	1120	97		102		103		104		105	
E29W1	1123	101		104		105		105		107	
E29W5	1126	100		103		104		105		106	
E29R6	1130	99		101		100		105		106	
E29S0	1133	101		106		103		107		108	
E29S2	1136	101		105		104		108		109	
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CCB005	1145	99		103		104		104		105	
E29W6	1202	102		105		106		105		106	
E29W2	1205	102		104		105		104		105	
ZZZZZZ	1209										
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CCV006	1328	101		104		96		105		107	
CCB006	1330	100		104		106		106		108	
ZZZZZZ	1334										
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CCB007	1400	99		103		105		106		107	
E29S4S	1404	100		103		101		106		108	
CCV008	1445	95		98		90		98		100	
CCB008	1448	96		99		101		101		102	