

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4W0
 Instrument ID: P7 Start Date : 11/10/2024
 Run Batch: LB133382 End Date : 11/11/2024

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	
S00	2304	100		100		100		100		100	
S02	2311	105		103		103		104		104	
S03	2314	106		103		103		103		105	
S04	2317	108		103		104		103		107	
S05	2320	104		100		101		99		105	
S06	2323	105		102		105		101		110	
S07	2325	98		100		104		98		109	
S08	2328	78		86		86		77		87	
ICV005	2340	106		116		116		115		112	
ICB005	2344	105		114		114		113		112	
ICSA005	2347	94		112		116		108		116	
ICSAB005	2350	85		114		120		110		118	
CCV011	0007	95		118		120		109		119	
CCB011	0010	100		115		118		117		117	
PBS599	0014	98		115		119		117		116	
LCS599	0017	98		117		121		117		117	
LCSD599	0021	96		116		119		116		116	
ZZZZZZ	0024										
ZZZZZZ	0027										
ZZZZZZ	0030										
ZZZZZZ	0034										
ZZZZZZ	0037										
ZZZZZZ	0040										
MYE4W0	0043	87		120		127	*	115		119	
MYE4W1	0046	78		120		130	*	114		118	
MYE4W2	0049	77		118		127	*	114		118	
MYE4W3	0052	76		114		126	*	114		120	
MYE4W4	0055	79		116		127	*	114		121	
MYE4W5	0058	80		114		127	*	115		121	
MYE4W5D	0101	79		113		124		113		120	
MYE4W5L	0104	84		110		119		117		120	
MYE4W5S	0107	79		112		124		112		118	
MYE4W5SRE	0110	78		109		121		110		118	
MYE4W6	0113	76		109		121		111		118	
MYE4W7	0116	76		110		122		112		119	
MYE4Y0	0119	79		113		125		115		123	
MYE4Y1	0122	81		113		126	*	115		125	
ZZZZZZ	0125										

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 Instrument ID: P7 Start Date : 11/10/2024
 Run Batch: LB133382 End Date : 11/11/2024

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	0128										
MYE4Y2	0131	83		112		125		114		123	
MYE4Y3	0134	81		110		122		111		120	
MYE4Y4	0137	78		109		122		109		119	
MYE4Y5	0140	81		109		119		109		120	
MYE4Y6	0143	78		106		118		109		118	
ZZZZZZ	0146										
CCV012	0149	84		104		110		101		115	
CCB012	0153	91		103		109		108		111	
ZZZZZZ	0157										
ZZZZZZ	0200										
ZZZZZZ	0203										
ZZZZZZ	0206										
ZZZZZZ	0209										
ZZZZZZ	0212										
ZZZZZZ	0215										
ZZZZZZ	0218										
ZZZZZZ	0221										
ZZZZZZ	0224										
ZZZZZZ	0227										
ZZZZZZ	0230										
ZZZZZZ	0233										
ZZZZZZ	0236										
ZZZZZZ	0239										
ZZZZZZ	0242										
ZZZZZZ	0245										
ZZZZZZ	0248										
ZZZZZZ	0251										
MYE4W5	0253	80		98		109		101		114	
ZZZZZZ	0256										
ZZZZZZ	0259										
ZZZZZZ	0302										
ZZZZZZ	0305										
ZZZZZZ	0308										
ZZZZZZ	0311										
CCV013	0315	83		96		103		96		112	
CCB013	0317	91		101		106		107		113	
ZZZZZZ	0324										

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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[illegible]

ICP-MS	INTERNAL	STANDARD	RELATIVE	INTENSITY	SUMMARY
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Lab Name: Alliance Technical Group, LLC	Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51817	MA No.: SDG No.: MYE4W0
Instrument ID: P7	Start Date : 11/10/2024
Run Batch: LB133382	End Date : 11/11/2024

[illegible]

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4W0
 Instrument ID: P7 Start Date : 11/10/2024
 Run Batch: LB133382 End Date : 11/11/2024

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	0719										
ZZZZZZ	0722										
ZZZZZZ	0725										
ZZZZZZ	0728										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0738										
CCV016	0741	82		91		98		91		107	
CCB016	0744	92		97		104		104		110	
ZZZZZZ	0747										
ZZZZZZ	0750										
ZZZZZZ	0753										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0802										
ZZZZZZ	0805										
ZZZZZZ	0808										
ZZZZZZ	0811										
ZZZZZZ	0814										
ZZZZZZ	0817										
ZZZZZZ	0820										
ZZZZZZ	0823										
ZZZZZZ	0826										
ZZZZZZ	0829										
ZZZZZZ	0832										
ZZZZZZ	0835										
ZZZZZZ	0838										
ZZZZZZ	0841										
ZZZZZZ	0845										
ZZZZZZ	0848										
ZZZZZZ	0851										
ZZZZZZ	0854										
ZZZZZZ	0858										
ZZZZZZ	0901										
ZZZZZZ	0904										
ICSA006	0907	85		94		101		97		111	
ICSAB006	0910	80		96		106		100		115	
CCV017	0913	79		96		104		96		109	

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 Instrument ID: P7 Start Date : 11/10/2024
 Run Batch: LB133382 End Date : 11/11/2024

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
CCB017	0916	90		98		104		105		110	
ZZZZZZ	0919										
ZZZZZZ	0922										
ZZZZZZ	0925										
ZZZZZZ	0929										
ZZZZZZ	0932										
ZZZZZZ	0935										
ZZZZZZ	0938										
ZZZZZZ	0942										
ZZZZZZ	0945										
ZZZZZZ	0948										
ZZZZZZ	0951										
ZZZZZZ	0955										
ZZZZZZ	0958										
ZZZZZZ	1001										
ZZZZZZ	1004										
ZZZZZZ	1008										
ZZZZZZ	1011										
ZZZZZZ	1014										
ZZZZZZ	1017										
ZZZZZZ	1020										
ZZZZZZ	1023										
ZZZZZZ	1026										
ZZZZZZ	1029										
ZZZZZZ	1032										
ZZZZZZ	1035										
ZZZZZZ	1038										
CCV018	1041	77		90		97		91		107	
CCB018	1044	90		100		109		109		115	
ZZZZZZ	1047										
ZZZZZZ	1050										
ZZZZZZ	1053										
ZZZZZZ	1056										
ZZZZZZ	1059										
ZZZZZZ	1102										
ZZZZZZ	1105										
ZZZZZZ	1108										
ZZZZZZ	1111										

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 Run Batch: LB133382 End Date : 11/11/2024

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	
ZZZZZZ	1114										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1123										
ZZZZZZ	1126										
ZZZZZZ	1129										
ZZZZZZ	1133										
ZZZZZZ	1136										
ZZZZZZ	1139										
ZZZZZZ	1142										
MYE4W5ARE	1145	78		98		110		102		115	
ZZZZZZ	1148										
ZZZZZZ	1151										
ZZZZZZ	1154										
ZZZZZZ	1157										
ZZZZZZ	1200										
CCV019	1204	83		94		101		94		111	
CCB019	1206	92		101		108		109		116	

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 Instrument ID: P7 Start Date : 11/10/2024
 Run Batch: LB133382 End Date : 11/11/2024

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
S00	2304	100		100		100		100		100	
S02	2311	99		100		100		100		100	
S03	2314	99		100		101		102		103	
S04	2317	100		101		99		104		103	
S05	2320	98		100		100		105		105	
S06	2323	100		101		98		105		105	
S07	2325	102		101		97		104		104	
S08	2328	100		99		87		98		97	
ICV005	2340	114		115		112		109		111	
ICB005	2344	111		111		111		108		108	
ICSA005	2347	116		114		107		110		109	
ICSAB005	2350	119		115		108		109		109	
CCV011	0007	115		114		102		109		110	
CCB011	0010	118		117		115		110		111	
PBS599	0014	117		116		115		109		110	
LCS599	0017	117		115		114		109		108	
LCSD599	0021	118		116		114		108		108	
ZZZZZZ	0024										
ZZZZZZ	0027										
ZZZZZZ	0030										
ZZZZZZ	0034										
ZZZZZZ	0037										
ZZZZZZ	0040										
MYE4W0	0043	128	*	124		114		110		108	
MYE4W1	0046	130	*	126	*	111		109		107	
MYE4W2	0049	129	*	125		113		110		109	
MYE4W3	0052	125		123		113		109		108	
MYE4W4	0055	124		123		112		109		109	
MYE4W5	0058	123		122		114		110		111	
MYE4W5D	0101	120		119		111		108		108	
MYE4W5L	0104	115		114		113		108		109	
MYE4W5S	0107	119		118		110		108		107	
MYE4W5SRE	0110	116		116		109		107		107	
MYE4W6	0113	112		113		104		103		103	
MYE4W7	0116	115		116		108		108		107	
MYE4Y0	0119	115		116		110		108		109	
MYE4Y1	0122	115		117		109		109		109	
ZZZZZZ	0125										

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 Run Batch: LB133382 End Date : 11/11/2024

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	0128										
MYE4Y2	0131	116		116		110		110		110	
MYE4Y3	0134	112		115		108		108		110	
MYE4Y4	0137	113		113		107		108		108	
MYE4Y5	0140	112		112		107		106		108	
MYE4Y6	0143	107		110		105		107		107	
ZZZZZZ	0146										
CCV012	0149	104		106		99		106		108	
CCB012	0153	106		109		110		107		109	
ZZZZZZ	0157										
ZZZZZZ	0200										
ZZZZZZ	0203										
ZZZZZZ	0206										
ZZZZZZ	0209										
ZZZZZZ	0212										
ZZZZZZ	0215										
ZZZZZZ	0218										
ZZZZZZ	0221										
ZZZZZZ	0224										
ZZZZZZ	0227										
ZZZZZZ	0230										
ZZZZZZ	0233										
ZZZZZZ	0236										
ZZZZZZ	0239										
ZZZZZZ	0242										
ZZZZZZ	0245										
ZZZZZZ	0248										
ZZZZZZ	0251										
MYE4W5	0253	100		104		100		105		105	
ZZZZZZ	0256										
ZZZZZZ	0259										
ZZZZZZ	0302										
ZZZZZZ	0305										
ZZZZZZ	0308										
ZZZZZZ	0311										
CCV013	0315	97		101		95		105		107	
CCB013	0317	99		102		105		106		107	
ZZZZZZ	0324										

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 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4W0
 Instrument ID: P7 Start Date : 11/10/2024
 Run Batch: LB133382 End Date : 11/11/2024

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	0327										
ZZZZZZ	0330										
ZZZZZZ	0333										
ZZZZZZ	0336										
ZZZZZZ	0339										
ZZZZZZ	0342										
ZZZZZZ	0345										
ZZZZZZ	0348										
ZZZZZZ	0351										
ZZZZZZ	0354										
ZZZZZZ	0357										
ZZZZZZ	0400										
ZZZZZZ	0403										
ZZZZZZ	0406										
ZZZZZZ	0409										
ZZZZZZ	0412										
ZZZZZZ	0415										
ZZZZZZ	0418										
ZZZZZZ	0421										
ZZZZZZ	0424										
ZZZZZZ	0427										
ZZZZZZ	0430										
ZZZZZZ	0433										
ZZZZZZ	0436										
ZZZZZZ	0439										
ZZZZZZ	0442										
CCV014	0445	93		96		91		102		103	
CCB014	0448	94		98		101		103		104	
ZZZZZZ	0451										
ZZZZZZ	0454										
ZZZZZZ	0457										
ZZZZZZ	0500										
ZZZZZZ	0503										
ZZZZZZ	0506										
ZZZZZZ	0509										
ZZZZZZ	0512										
ZZZZZZ	0515										
ZZZZZZ	0518										

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 Run Batch: LB133382 End Date : 11/11/2024

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	0521										
ZZZZZZ	0524										
MYE4W5	0527	90		94		98		103		103	
MYE4W5D	0530	91		95		97		101		102	
MYE4W5L	0533	90		94		97		101		102	
MYE4W5S	0536	92		97		99		102		103	
MYE4W5SRE	0540	91		96		99		103		105	
ZZZZZZ	0542										
ZZZZZZ	0546										
ZZZZZZ	0549										
ZZZZZZ	0552										
ZZZZZZ	0555										
ZZZZZZ	0558										
ZZZZZZ	0601										
ZZZZZZ	0604										
ZZZZZZ	0607										
ZZZZZZ	0610										
CCV015	0614	93		96		90		102		102	
CCB015	0616	95		98		100		103		103	
ZZZZZZ	0620										
ZZZZZZ	0623										
ZZZZZZ	0626										
ZZZZZZ	0629										
ZZZZZZ	0632										
ZZZZZZ	0635										
ZZZZZZ	0638										
ZZZZZZ	0641										
ZZZZZZ	0644										
ZZZZZZ	0648										
ZZZZZZ	0651										
ZZZZZZ	0654										
ZZZZZZ	0657										
ZZZZZZ	0701										
ZZZZZZ	0704										
ZZZZZZ	0707										
ZZZZZZ	0710										
ZZZZZZ	0713										
ZZZZZZ	0716										

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 Run Batch: LB133382 End Date : 11/11/2024

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	0719										
ZZZZZZ	0722										
ZZZZZZ	0725										
ZZZZZZ	0728										
ZZZZZZ	0732										
ZZZZZZ	0735										
ZZZZZZ	0738										
CCV016	0741	93		96		91		101		102	
CCB016	0744	96		99		102		104		104	
ZZZZZZ	0747										
ZZZZZZ	0750										
ZZZZZZ	0753										
ZZZZZZ	0756										
ZZZZZZ	0759										
ZZZZZZ	0802										
ZZZZZZ	0805										
ZZZZZZ	0808										
ZZZZZZ	0811										
ZZZZZZ	0814										
ZZZZZZ	0817										
ZZZZZZ	0820										
ZZZZZZ	0823										
ZZZZZZ	0826										
ZZZZZZ	0829										
ZZZZZZ	0832										
ZZZZZZ	0835										
ZZZZZZ	0838										
ZZZZZZ	0841										
ZZZZZZ	0845										
ZZZZZZ	0848										
ZZZZZZ	0851										
ZZZZZZ	0854										
ZZZZZZ	0858										
ZZZZZZ	0901										
ZZZZZZ	0904										
ICSA006	0907	97		98		96		104		105	
ICSAB006	0910	100		101		99		104		105	
CCV017	0913	98		100		93		100		101	

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 Instrument ID: P7 Start Date : 11/10/2024
 Run Batch: LB133382 End Date : 11/11/2024

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
CCB017	0916	97		99		101		103		103	
ZZZZZZ	0919										
ZZZZZZ	0922										
ZZZZZZ	0925										
ZZZZZZ	0929										
ZZZZZZ	0932										
ZZZZZZ	0935										
ZZZZZZ	0938										
ZZZZZZ	0942										
ZZZZZZ	0945										
ZZZZZZ	0948										
ZZZZZZ	0951										
ZZZZZZ	0955										
ZZZZZZ	0958										
ZZZZZZ	1001										
ZZZZZZ	1004										
ZZZZZZ	1008										
ZZZZZZ	1011										
ZZZZZZ	1014										
ZZZZZZ	1017										
ZZZZZZ	1020										
ZZZZZZ	1023										
ZZZZZZ	1026										
ZZZZZZ	1029										
ZZZZZZ	1032										
ZZZZZZ	1035										
ZZZZZZ	1038										
CCV018	1041	93		96		91		100		102	
CCB018	1044	97		101		105		107		107	
ZZZZZZ	1047										
ZZZZZZ	1050										
ZZZZZZ	1053										
ZZZZZZ	1056										
ZZZZZZ	1059										
ZZZZZZ	1102										
ZZZZZZ	1105										
ZZZZZZ	1108										
ZZZZZZ	1111										

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	1114										
ZZZZZZ	1117										
ZZZZZZ	1120										
ZZZZZZ	1123										
ZZZZZZ	1126										
ZZZZZZ	1129										
ZZZZZZ	1133										
ZZZZZZ	1136										
ZZZZZZ	1139										
ZZZZZZ	1142										
MYE4W5ARE	1145	98		101		99		102		104	
ZZZZZZ	1148										
ZZZZZZ	1151										
ZZZZZZ	1154										
ZZZZZZ	1157										
ZZZZZZ	1200										
CCV019	1204	92		95		90		100		103	
CCB019	1206	96		101		103		105		107	

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ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4W0
 Instrument ID: P7 Start Date : 11/13/2024
 Run Batch: LB133439 End Date : 11/13/2024

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
S0	1625	100		100		100		100		100	
S02	1632	102		101		103		102		102	
S03	1635	108		100		101		101		102	
S04	1638	110		98		99		99		103	
S05	1641	107		94		96		95		101	
S06	1643	108		93		97		94		102	
S07	1646	101		92		95		92		102	
S08	1649	92		85		86		78		91	
ICV007	1718	107		99		98		98		100	
ICB007	1723	104		96		98		98		98	
ICSA007	1749	94		93		95		90		100	
ICSAB007	1801	91		94		97		93		102	
CCV031	1815	91		93		96		89		101	
CCB031	1821	97		95		97		97		100	
MYE4W0	1825	94		101		104		99		104	
MYE4W1	1828	91		101		106		100		104	
MYE4W2	1831	92		102		106		101		106	
MYE4W3	1834	93		101		107		102		106	
MYE4W4	1837	94		101		106		102		108	
MYE4W5	1840	92		98		104		99		104	
MYE4W5D	1843	91		100		107		101		105	
MYE4W5L	1846	91		98		102		101		105	
MYE4W5S	1849	88		99		104		99		105	
MYE4W5SRE	1852	90		101		107		103		107	
MYE4Y1	1855	92		100		107		102		107	
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1911										
ZZZZZZ	1914										
ZZZZZZ	1917										
ZZZZZZ	1920										
ZZZZZZ	1923										
ZZZZZZ	1926										
ZZZZZZ	1929										
ZZZZZZ	1932										
ZZZZZZ	1935										

FORM 14-IN

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51817 MA No.: SDG No.: MYE4W0
 Instrument ID: P7 Start Date : 11/13/2024
 Run Batch: LB133439 End Date : 11/13/2024

EPA Sample No.	Time	Internal Standard %RI For: Non-Collision Cell									
		Element	Q	Element	Q	Element	Q	Element	Q	Element	Q
		6Li	Q	45Sc	Q	89Y	Q	103Rh	Q	159Tb	Q
ZZZZZZ	1938										
CCV032	1946	94		93		96		90		102	
CCB032	1950	101		94		99		99		104	

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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	1625	100		100		100		100		100	
S02	1632	100		102		102		103		102	
S03	1635	100		102		102		104		103	
S04	1638	98		98		97		101		101	
S05	1641	96		95		94		100		99	
S06	1643	94		94		92		99		100	
S07	1646	95		94		91		99		99	
S08	1649	88		88		79		91		91	
ICV007	1718	100		99		99		100		100	
ICB007	1723	99		98		98		99		99	
ICSA007	1749	96		96		92		101		101	
ICSAB007	1801	95		97		93		100		101	
CCV031	1815	94		96		90		99		99	
CCB031	1821	96		98		99		100		100	
MYE4W0	1825	101		104		100		102		102	
MYE4W1	1828	103		105		99		103		103	
MYE4W2	1831	103		105		101		104		104	
MYE4W3	1834	101		105		102		106		105	
MYE4W4	1837	100		104		103		105		104	
MYE4W5	1840	103		107		105		107		107	
MYE4W5D	1843	101		102		99		103		102	
MYE4W5L	1846	98		100		101		102		102	
MYE4W5S	1849	100		102		99		103		102	
MYE4W5SRE	1852	100		104		101		105		105	
MYE4Y1	1855	103		104		102		105		105	
ZZZZZZ	1858										
ZZZZZZ	1901										
ZZZZZZ	1904										
ZZZZZZ	1907										
ZZZZZZ	1911										
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ZZZZZZ	1938										
CCV032	1946	94		94		89		98		99	
CCB032	1950	95		96		98		100		100	