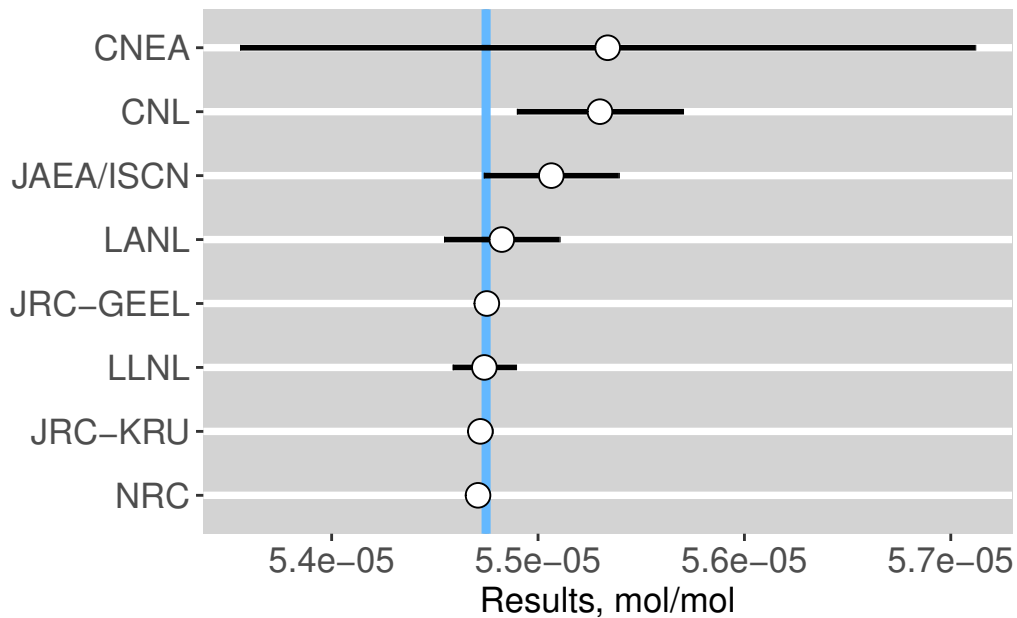
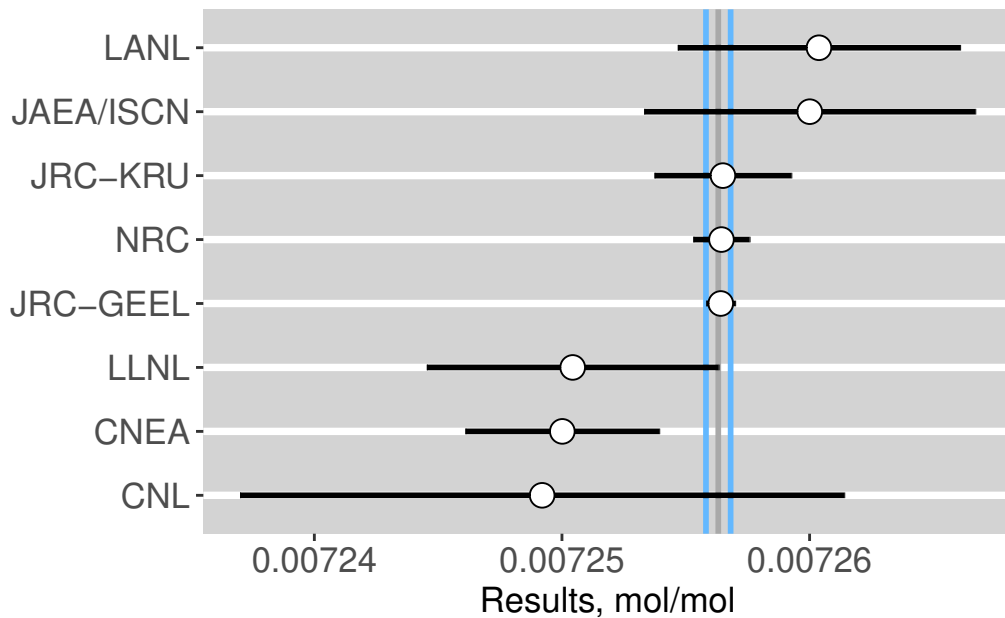


### 234U/238U in NRC UCHI-1



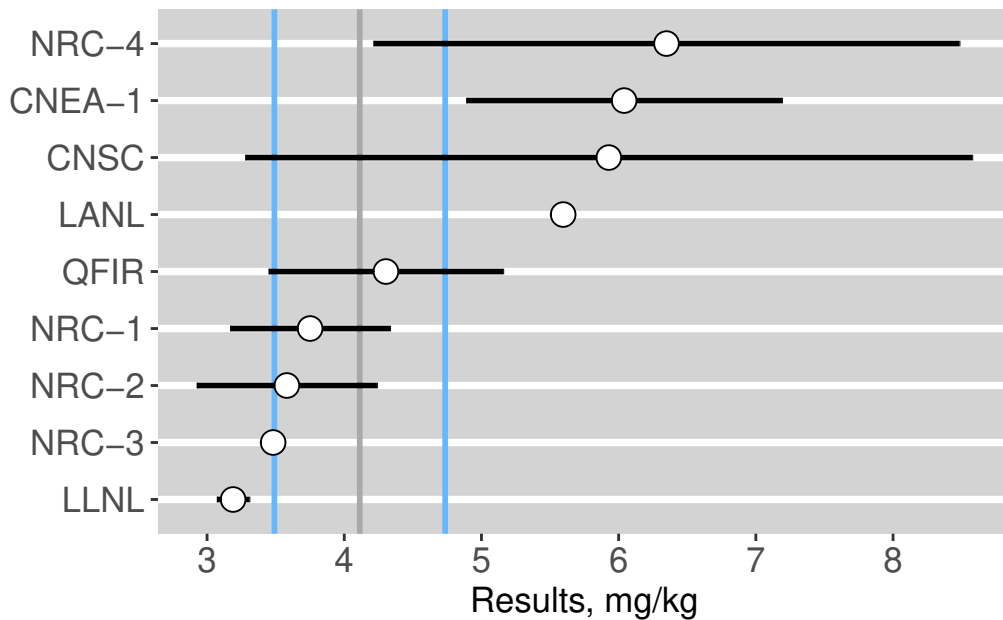
Laboratory	Value	Std.uncertainty
Consensus	5.4748e-05	8e-09
CNEA	5.5337e-05	1.781e-06
JAEA/ISCN	5.5064e-05	3.27e-07
JRC-GEEL	5.4752e-05	9e-09
JRC-KRU	5.472e-05	5.9e-08
NRC	5.4709e-05	2.9e-08
LLNL	5.474e-05	1.53e-07
CNL	5.53e-05	4.02e-07
LANL	5.4824e-05	2.8e-07

### 235U/238U in NRC UCHI-1



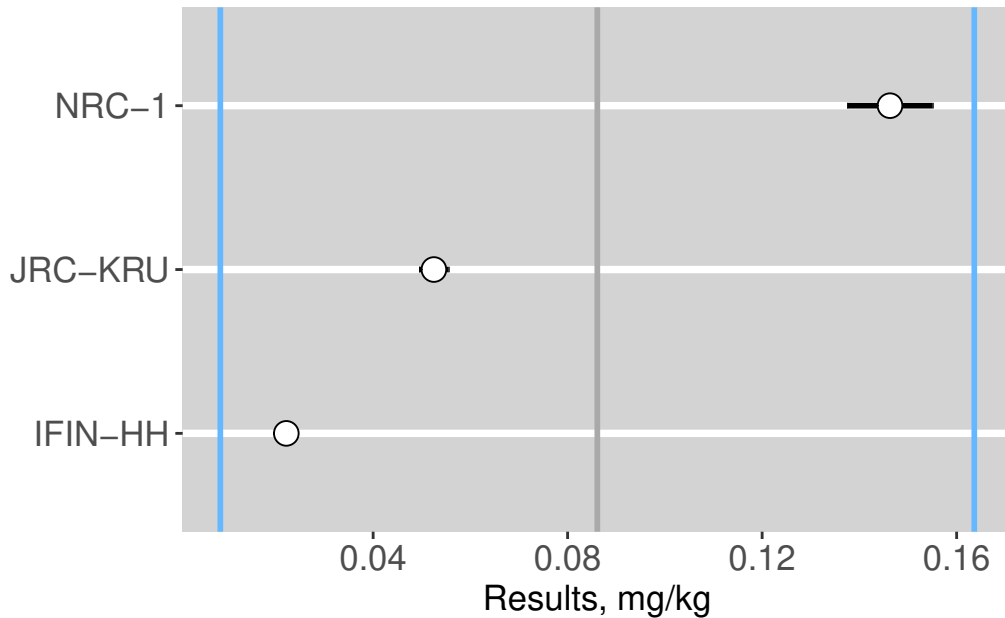
Laboratory	Value	Std.uncertainty
Consensus	0.0072563	5e-07
CNEA	0.00725	3.9e-06
JAEA/ISCN	0.00726	6.7e-06
JRC-GEEL	0.0072564	6e-07
JRC-KRU	0.0072565	2.8e-06
NRC	0.0072564	1.1e-06
LLNL	0.0072504	5.9e-06
CNL	0.0072492	1.22e-05
LANL	0.0072604	5.7e-06

### Aluminium in NRC UCHI-1 (certified)



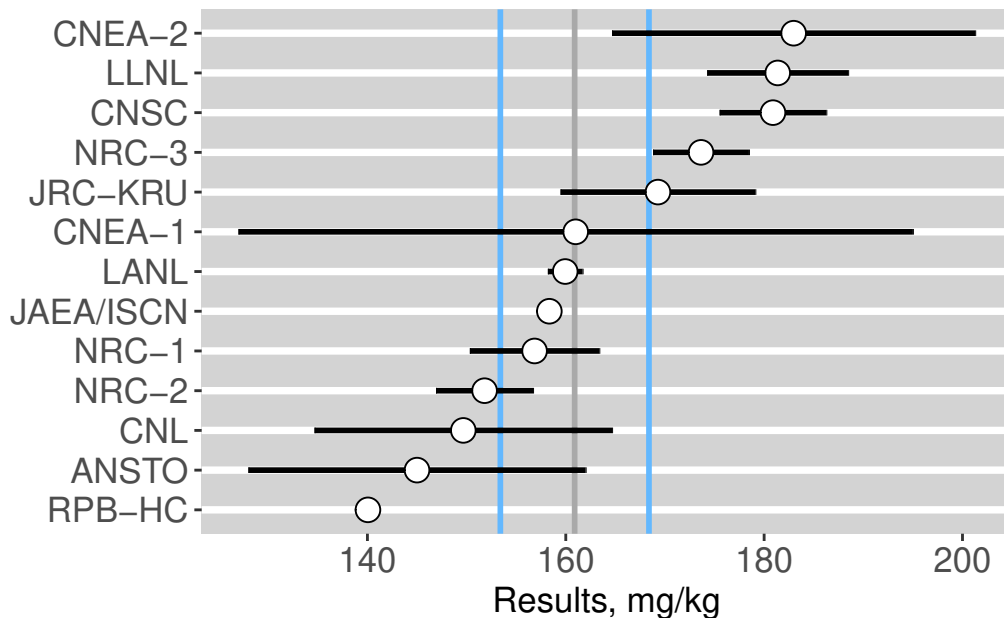
Laboratory	Value	Std.uncertainty
Consensus	4.11	0.62
CNEA-1	6.04	1.15
CNSC	5.93	2.65
LLNL	3.19	0.12
NRC-1	3.75	0.58
NRC-2	3.58	0.66
NRC-3	3.48	0.06
NRC-4	6.35	2.14
QFIR	4.3	0.85
LANL	5.6	0.07

### Antimony in NRC UCHI-1 (information)



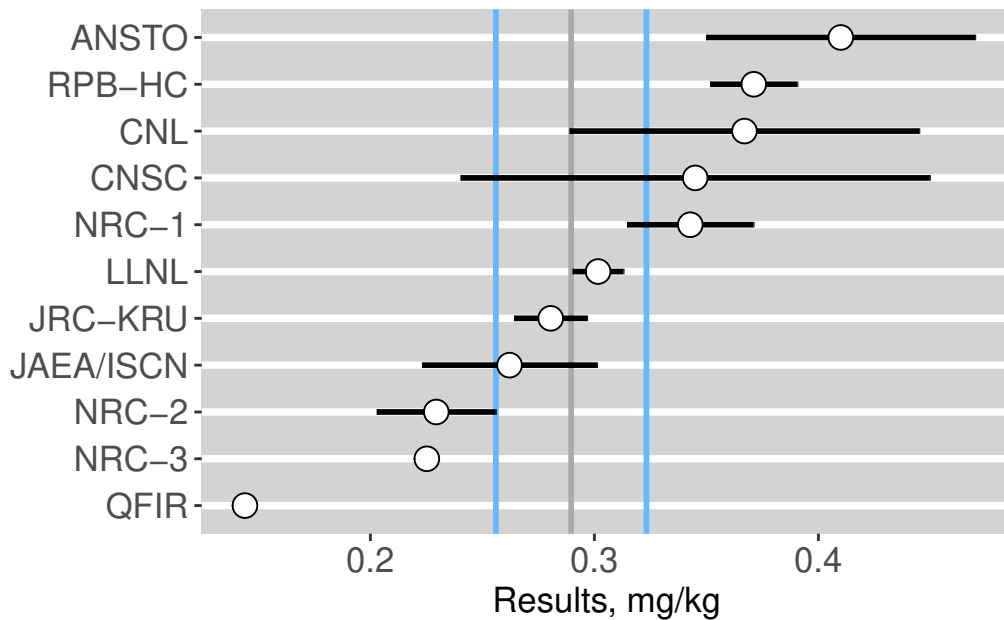
Laboratory	Value	Std.uncertainty
Consensus	0.086	-
IFIN-HH	0.0221	3e-04
JRC-KRU	0.0525	0.003
NRC-1	0.1463	0.0088

### Arsenic in NRC UCHI-1 (certified)



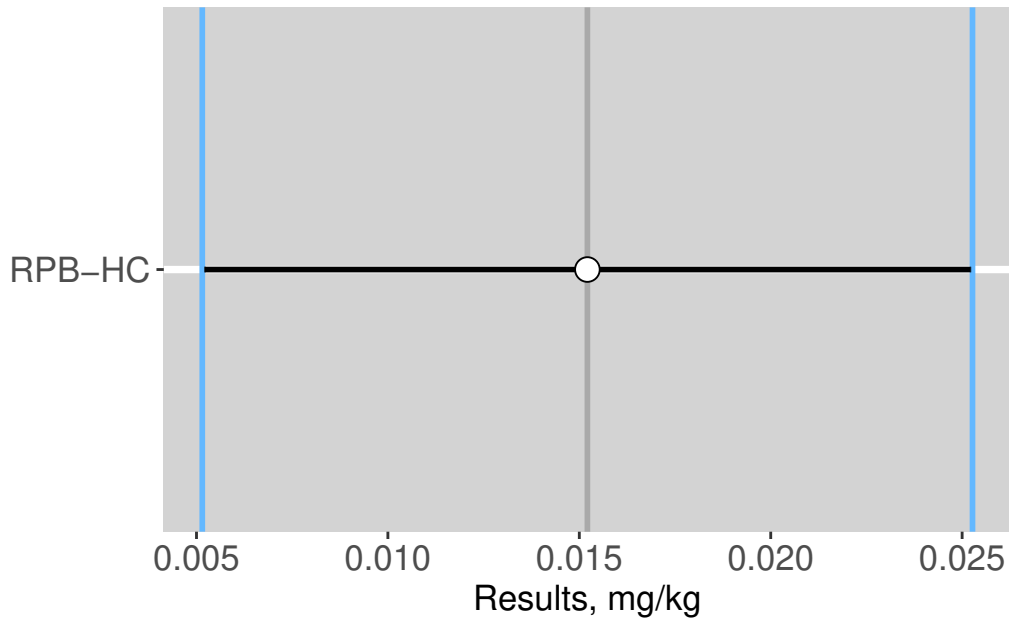
Laboratory	Value	Std.uncertainty
Consensus	160.9	7.5
CNEA-1	161	34
ANSTO	145	17
CNEA-2	183	18.3
CNL	149.7	15
CNSC	180.9	5.4
JAEA/ISCN	158.3	0.8
JRC-KRU	169.3	9.8
LLNL	181.4	7.1
NRC-1	156.9	6.5
NRC-2	151.8	4.9
NRC-3	173.6	4.8
RPB-HC	140.1	1

### Barium in NRC UCHI-1 (certified)



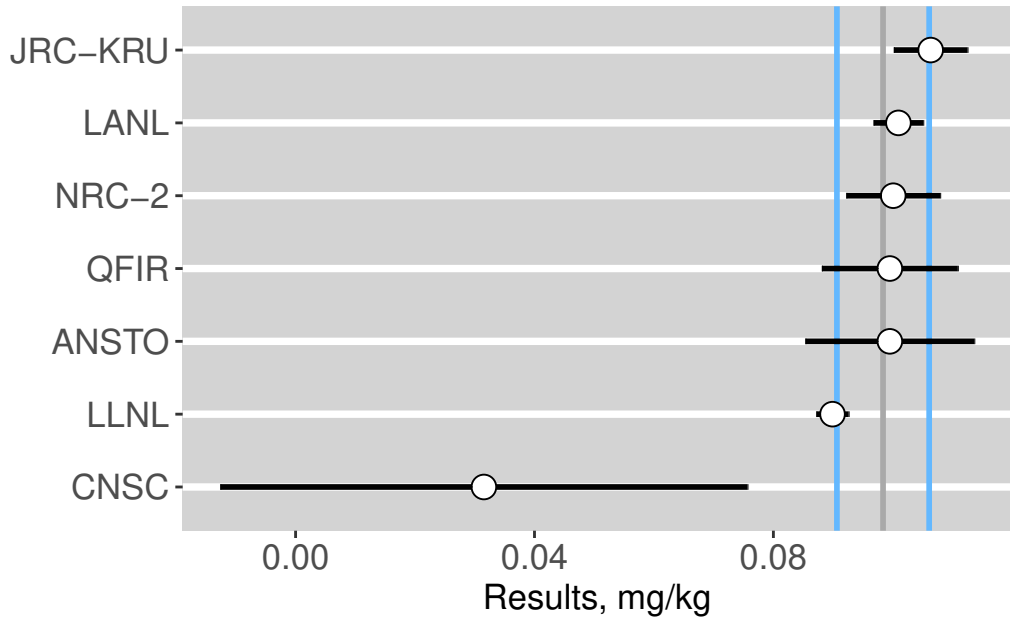
Laboratory	Value	Std.uncertainty
Consensus	0.29	0.034
ANSTO	0.41	0.06
CNL	0.367	0.078
CNSC	0.345	0.105
JAEA/ISCN	0.262	0.039
JRC-KRU	0.28	0.016
LLNL	0.302	0.011
NRC-1	0.343	0.028
NRC-2	0.229	0.027
NRC-3	0.225	0.004
QFIR	0.144	0.003
RPB-HC	0.371	0.010

### Beryllium in NRC UCHI-1 (discard)



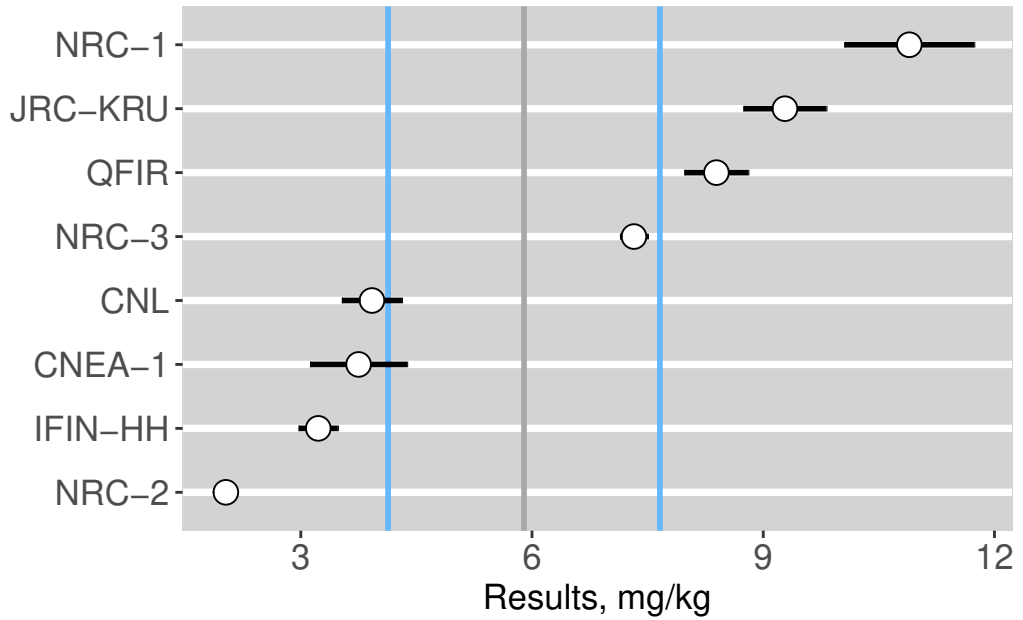
Laboratory	Value	Std.uncertainty
Consensus	-	-
RPB-HC	0.015	0.01

### Bismuth in NRC UCHI-1 (certified)



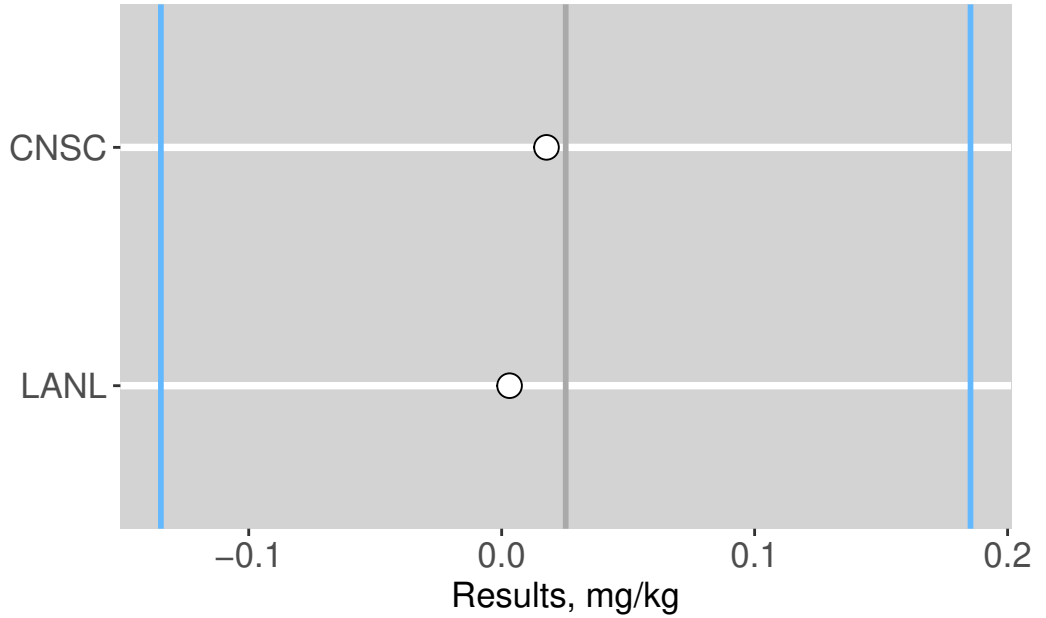
Laboratory	Value	Std.uncertainty
Consensus	0.0984	0.0077
ANSTO	0.1	0.014
CNSC	0.032	0.044
JRC-KRU	0.106	0.006
LLNL	0.09	0.003
NRC-2	0.1	0.008
QFIR	0.1	0.011
LANL	0.101	0.004

### Cadmium in NRC UCHI-1 (information)



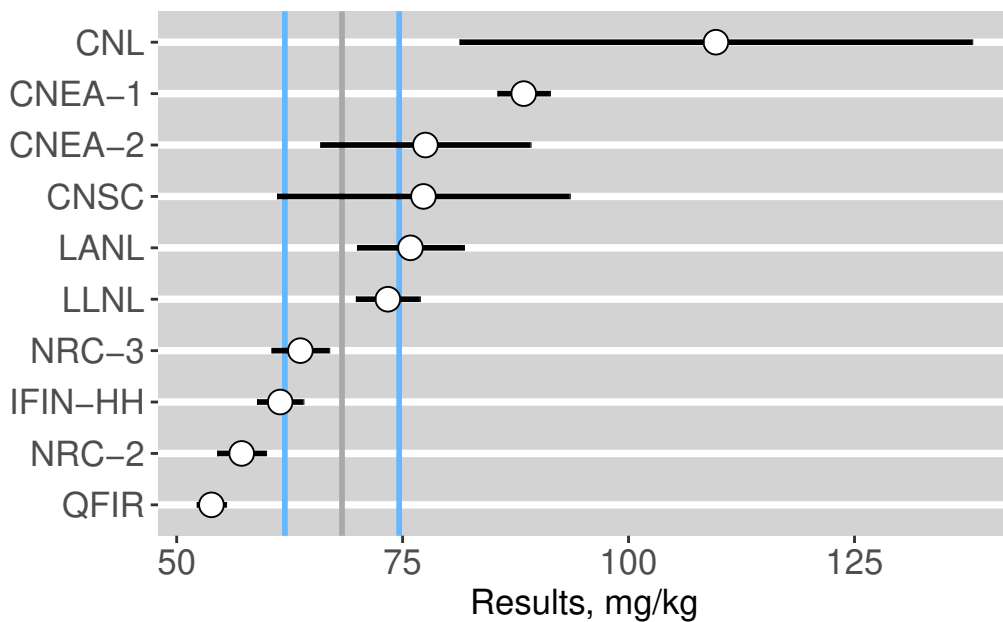
Laboratory	Value	Std.uncertainty
Consensus	5.9	-
CNEA-1	3.75	0.63
CNL	3.92	0.39
IFIN-HH	3.23	0.25
JRC-KRU	9.28	0.54
NRC-1	10.9	0.84
NRC-2	2.03	0.07
NRC-3	7.32	0.18
QFIR	8.39	0.42

### Caesium in NRC UCHI-1 (information)



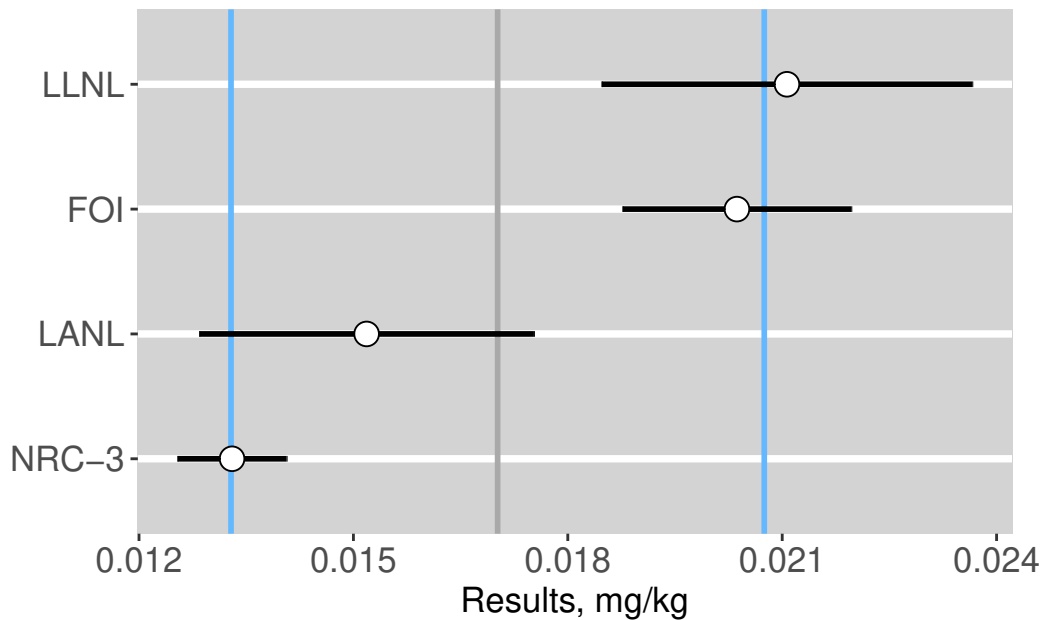
Laboratory	Value	Std.uncertainty
Consensus	0.03	-
CNSC	0.0177	0.0044
LANL	0.0031	5e-04

### Calcium in NRC UCHI-1 (certified)



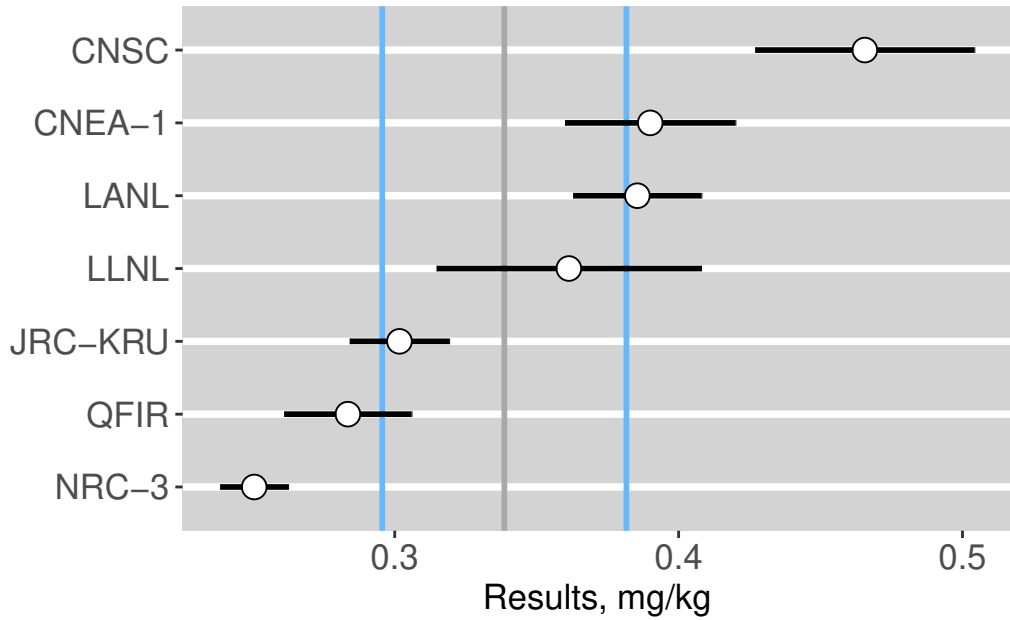
Laboratory	Value	Std.uncertainty
Consensus	68.3	6.3
CNEA-1	88	3
CNEA-2	78	12
CNL	110	28
CNSC	77	16
IFIN-HH	61	3
LLNL	73	4
NRC-2	57	3
NRC-3	64	3
QFIR	54	2
LANL	76	6

### Cerium in NRC UCHI-1 (reference)



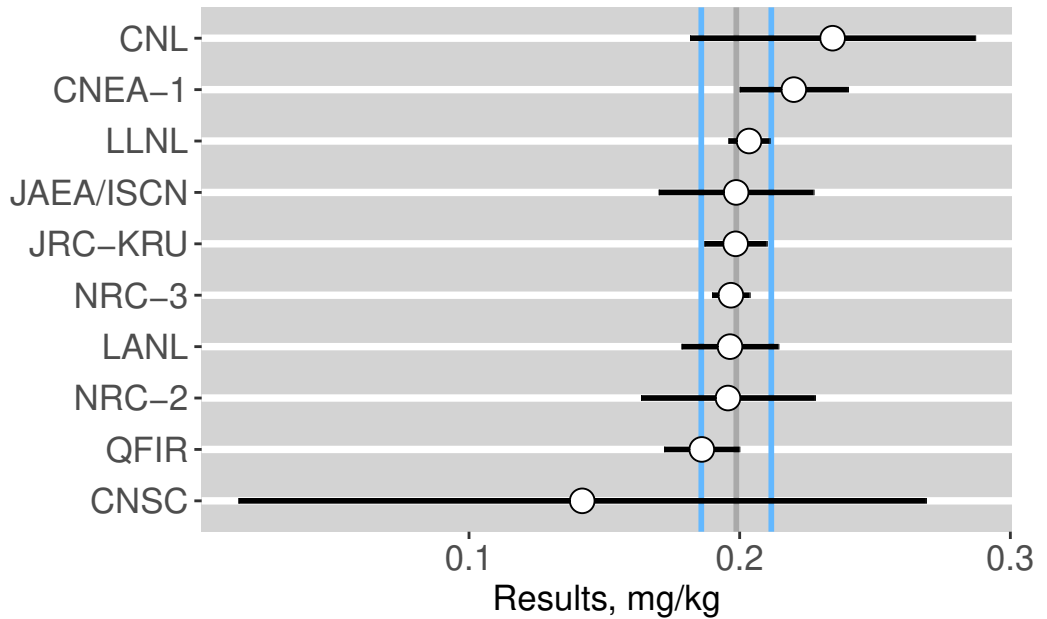
Laboratory	Value	Std.uncertainty
Consensus	0.017	0.0037
FOI	0.0204	0.0016
LLNL	0.0211	0.0026
NRC-3	0.0133	8e-04
LANL	0.0152	0.0023

### Chromium in NRC UCHI-1 (certified)



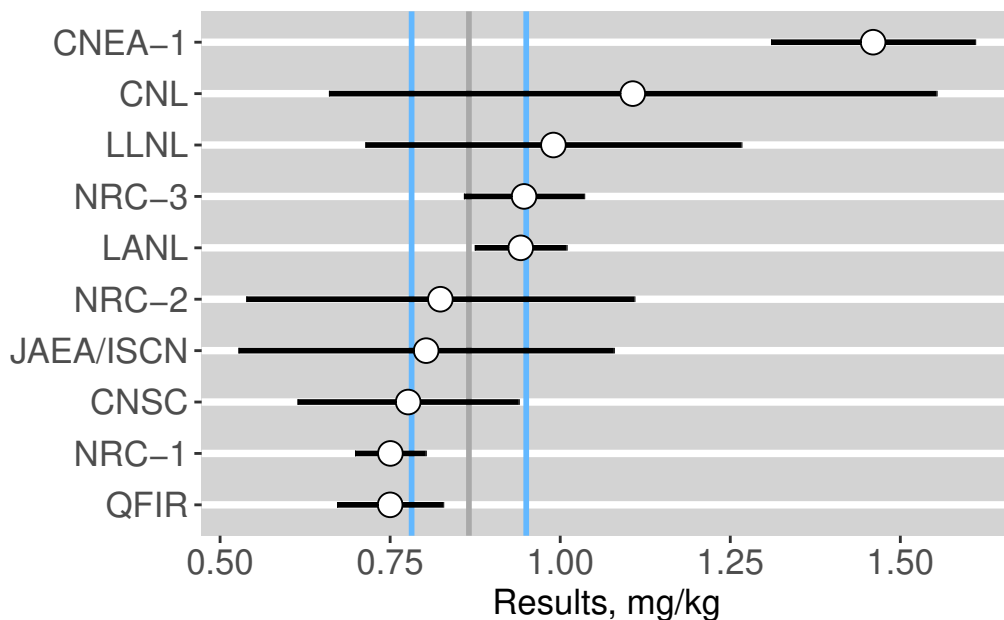
Laboratory	Value	Std.uncertainty
Consensus	0.339	0.043
CNEA-1	0.39	0.03
CNSC	0.47	0.04
JRC-KRU	0.3	0.02
LLNL	0.36	0.05
NRC-3	0.25	0.01
QFIR	0.28	0.02
LANL	0.39	0.02

### Cobalt in NRC UCHI-1 (certified)



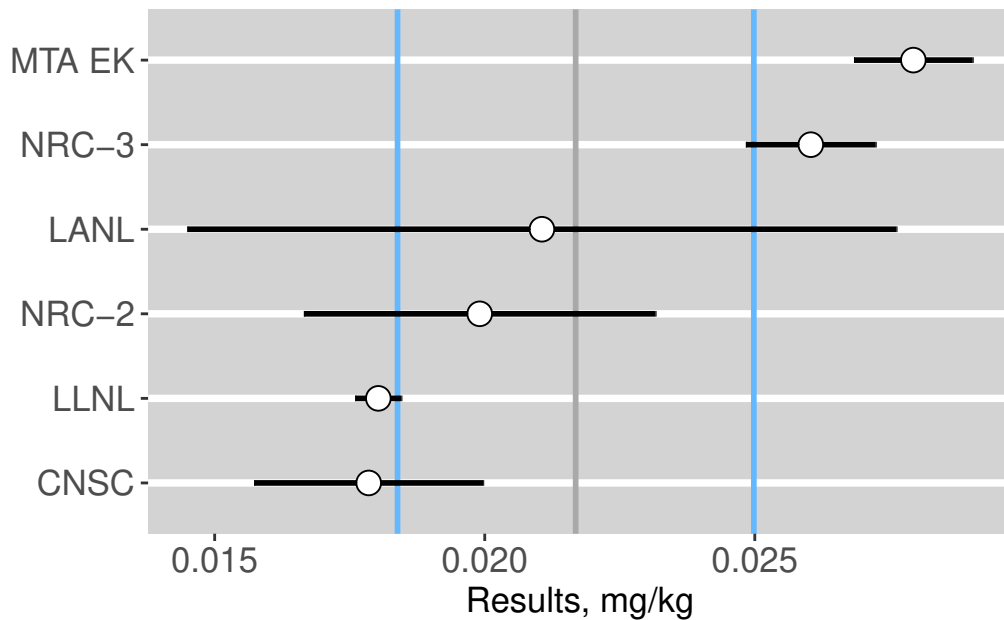
Laboratory	Value	Std.uncertainty
Consensus	0.1988	0.0129
CNEA-1	0.22	0.02
CNL	0.234	0.053
CNSC	0.142	0.127
JAEA/ISCN	0.199	0.029
JRC-KRU	0.198	0.012
LLNL	0.203	0.008
NRC-2	0.196	0.032
NRC-3	0.197	0.007
QFIR	0.186	0.014
LANL	0.196	0.018

### Copper in NRC UCHI-1 (certified)



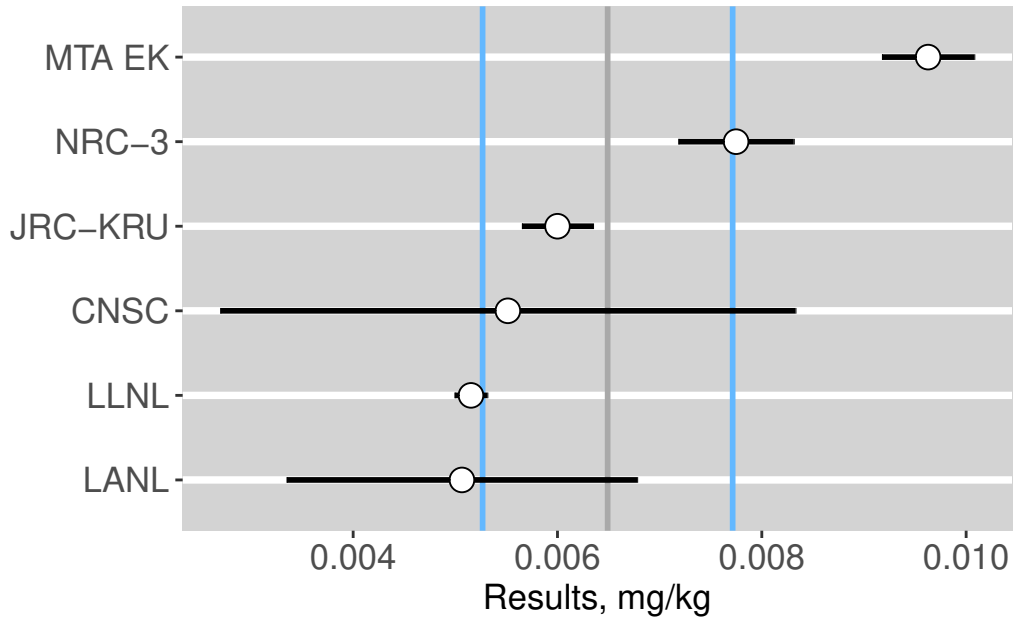
Laboratory	Value	Std.uncertainty
Consensus	0.866	0.084
CNEA-1	1.46	0.15
CNL	1.11	0.45
CNSC	0.78	0.16
JAEA/ISCN	0.8	0.28
LLNL	0.99	0.28
NRC-1	0.75	0.05
NRC-2	0.82	0.29
NRC-3	0.95	0.09
QFIR	0.75	0.08
LANL	0.94	0.07

### Dysprosium in NRC UCHI-1 (certified)



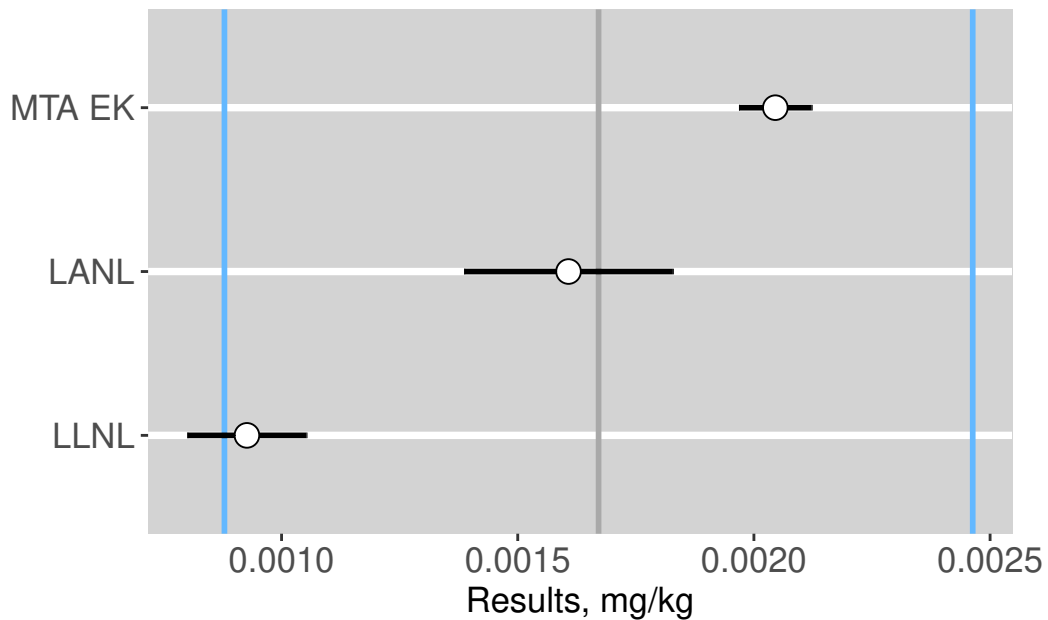
Laboratory	Value	Std.uncertainty
Consensus	0.0217	0.0033
CNSC	0.0179	0.0021
LLNL	0.018	4e-04
MTA EK	0.0279	0.0011
NRC-2	0.0199	0.0033
NRC-3	0.026	0.0012
LANL	0.0211	0.0066

### Erbium in NRC UCHI-1 (certified)



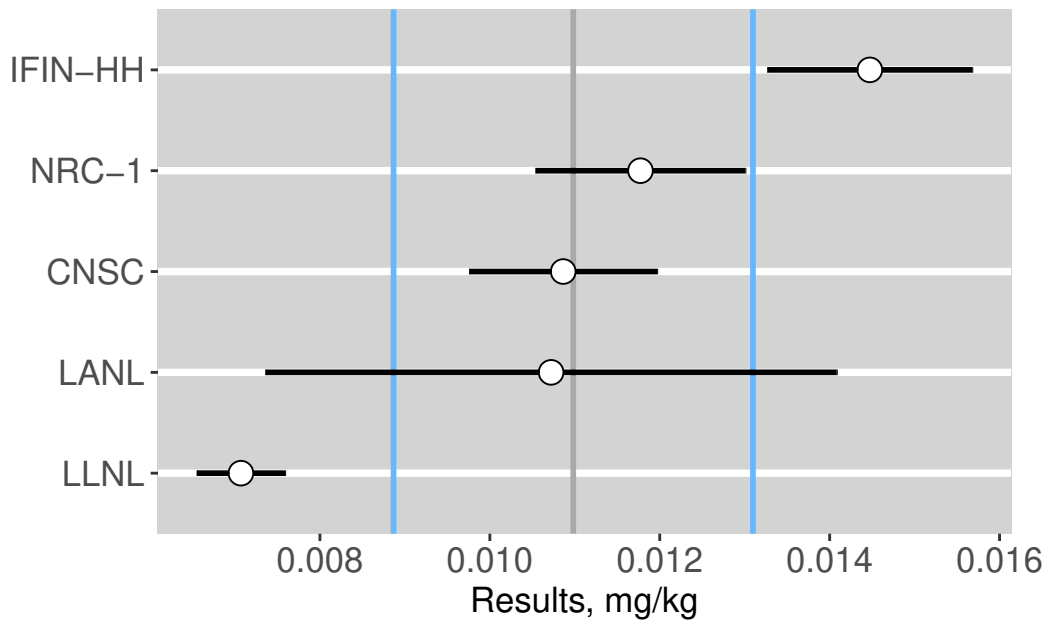
Laboratory	Value	Std.uncertainty
Consensus	0.00649	0.00122
CNSC	0.0055	0.0028
JRC-KRU	0.006	3e-04
LLNL	0.0052	2e-04
MTA EK	0.0096	5e-04
NRC-3	0.0077	6e-04
LANL	0.0051	0.0017

### Europium in NRC UCHI-1 (reference)



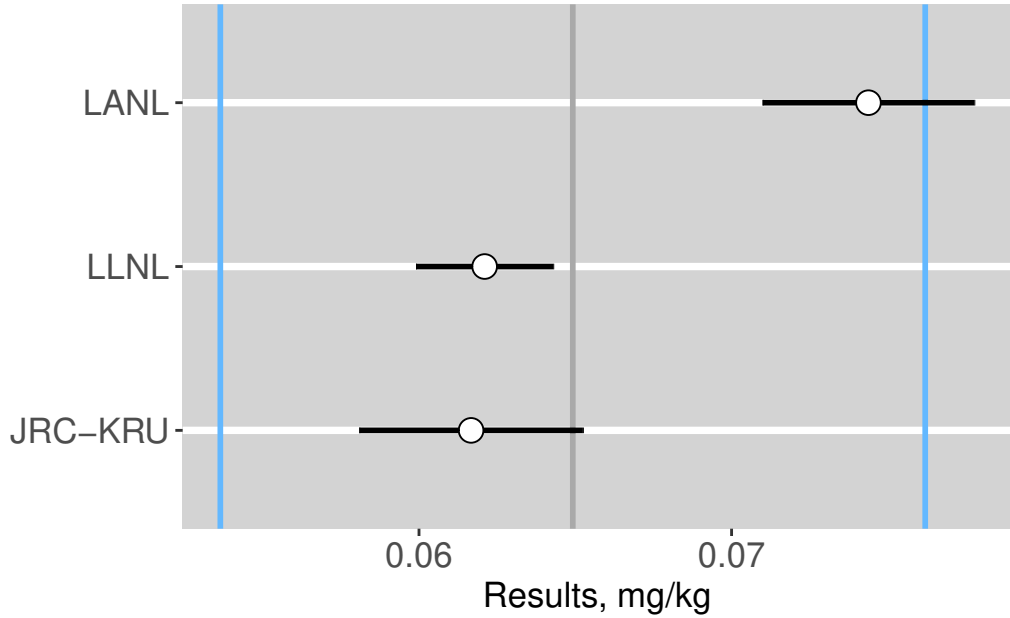
Laboratory	Value	Std.uncertainty
Consensus	0.00167	0.00079
LLNL	0.00093	0.00013
MTA EK	0.00205	8e-05
LANL	0.00161	0.00022

### Gadolinium in NRC UCHI-1 (certified)



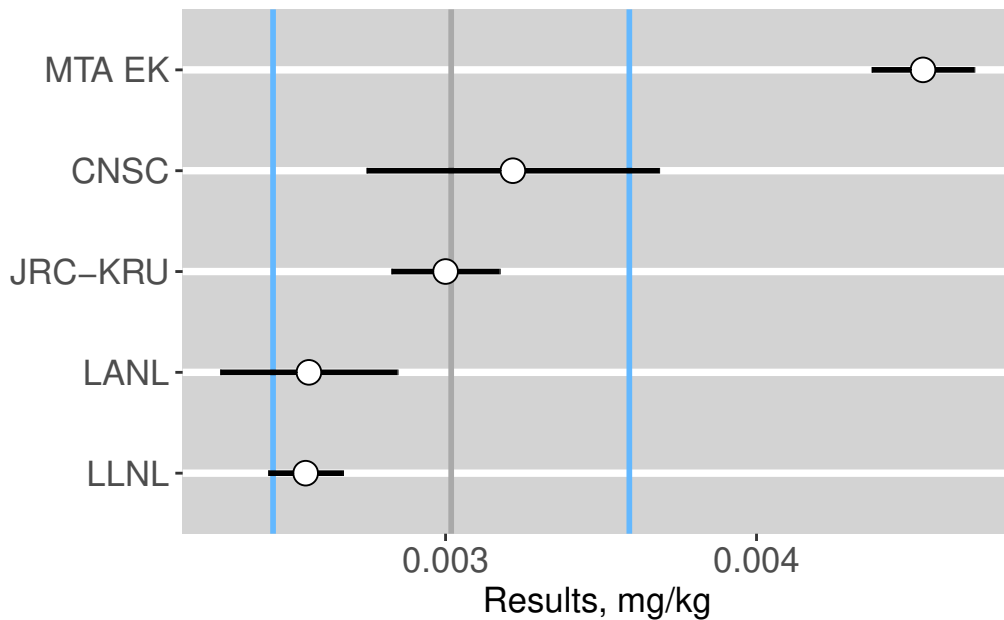
Laboratory	Value	Std.uncertainty
Consensus	0.011	0.0021
CNSC	0.0109	0.0011
IFIN-HH	0.0145	0.0012
LLNL	0.0071	5e-04
NRC-1	0.0118	0.0012
LANL	0.0107	0.0034

### Hafnium in NRC UCHI-1 (reference)



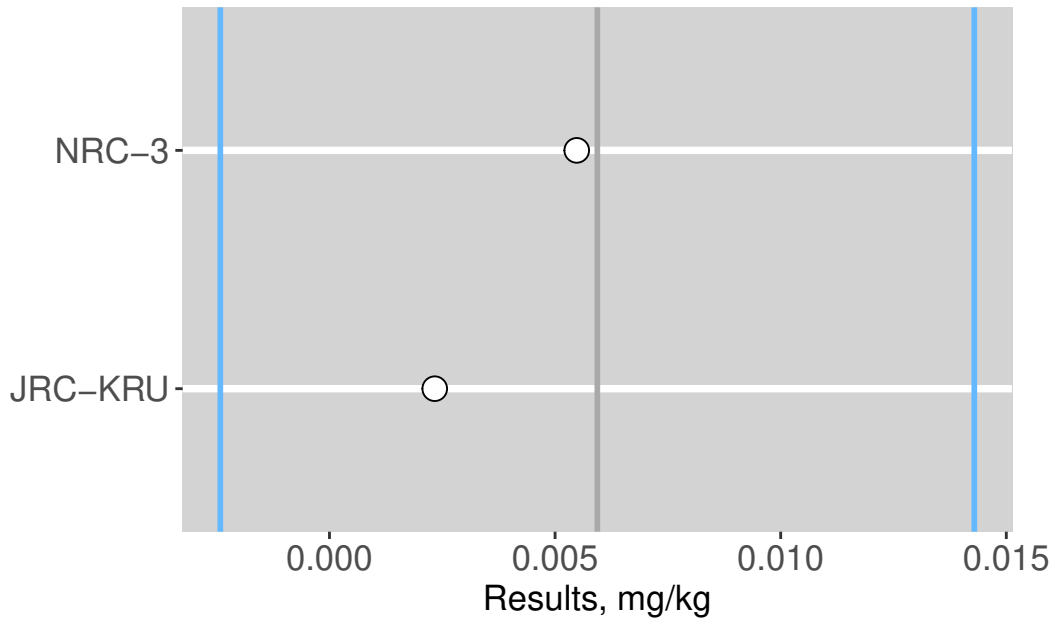
Laboratory	Value	Std.uncertainty
Consensus	0.0649	0.0113
JRC-KRU	0.062	0.004
LLNL	0.062	0.002
LANL	0.074	0.003

### Holmium in NRC UCHI-1 (certified)



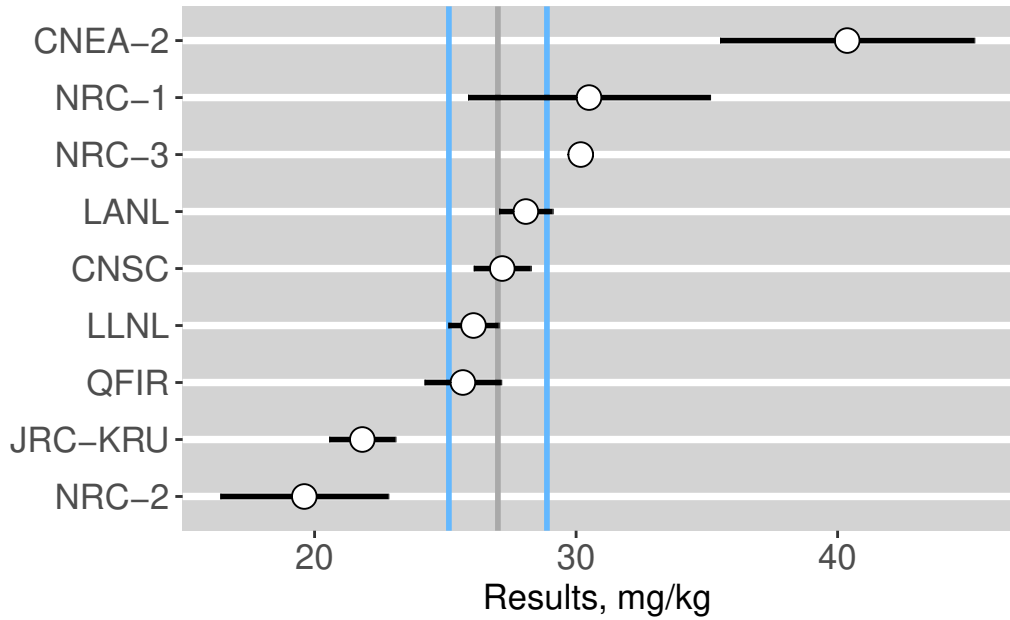
Laboratory	Value	Std.uncertainty
Consensus	0.00302	0.00057
CNSC	0.0032	5e-04
JRC-KRU	0.003	2e-04
LLNL	0.0026	1e-04
MTA EK	0.0045	2e-04
LANL	0.0026	3e-04

### Indium in NRC UCHI-1 (information)



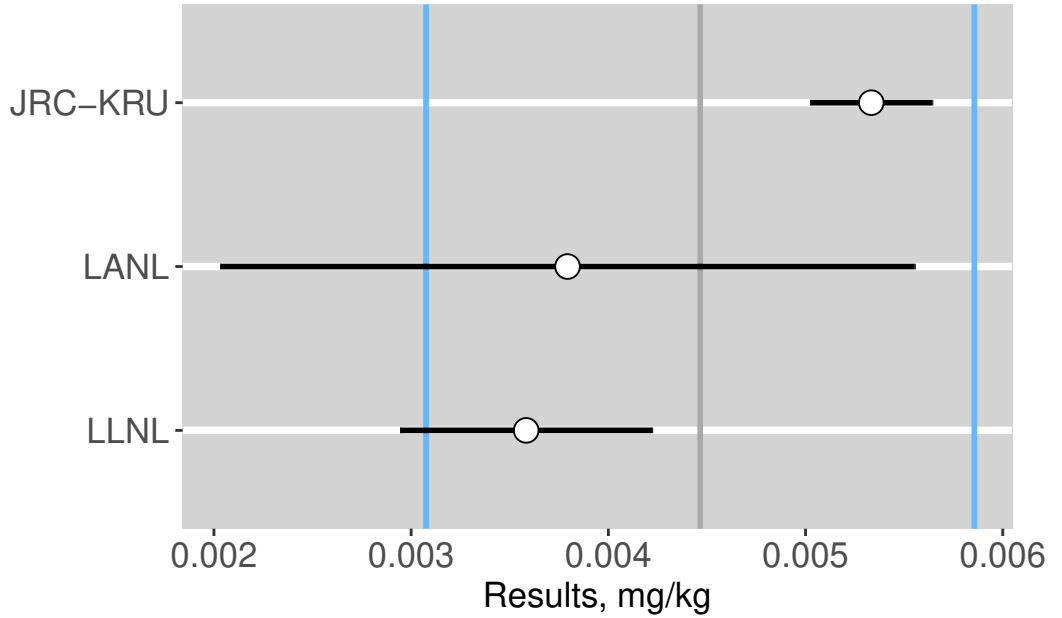
Laboratory	Value	Std.uncertainty
Consensus	0.0059	-
JRC-KRU	0.0023	1e-04
NRC-3	0.0055	2e-04

### Iron in NRC UCHI-1 (certified)



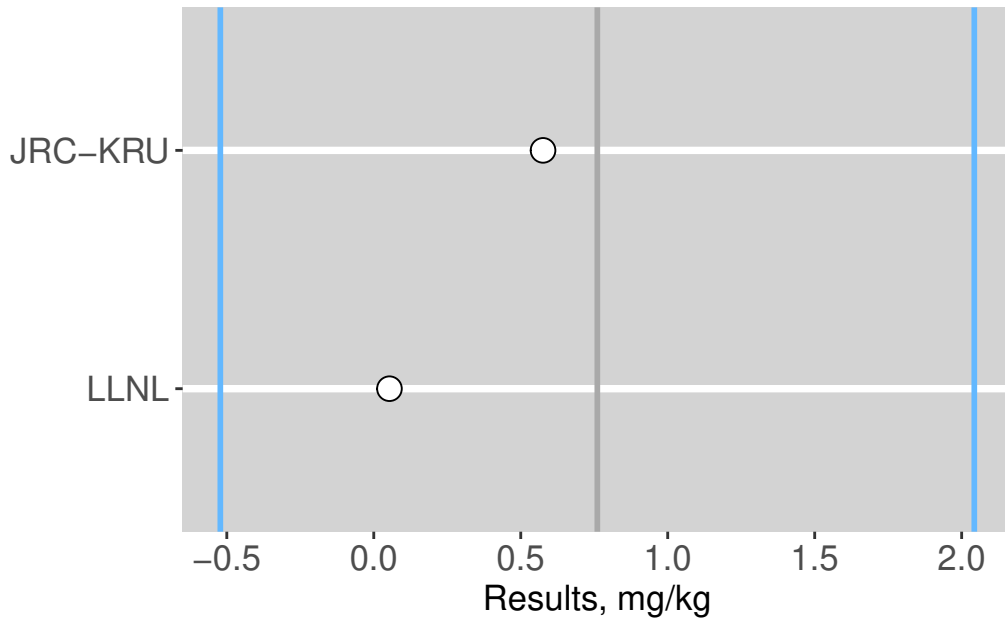
Laboratory	Value	Std.uncertainty
Consensus	27	1.9
CNEA-2	40.4	4.9
CNSC	27.2	1.1
JRC-KRU	21.8	1.3
LLNL	26.1	1
NRC-1	30.5	4.6
NRC-2	19.6	3.2
NRC-3	30.2	0.5
QFIR	25.7	1.5
LANL	28.1	1

### Lanthanum in NRC UCHI-1 (reference)



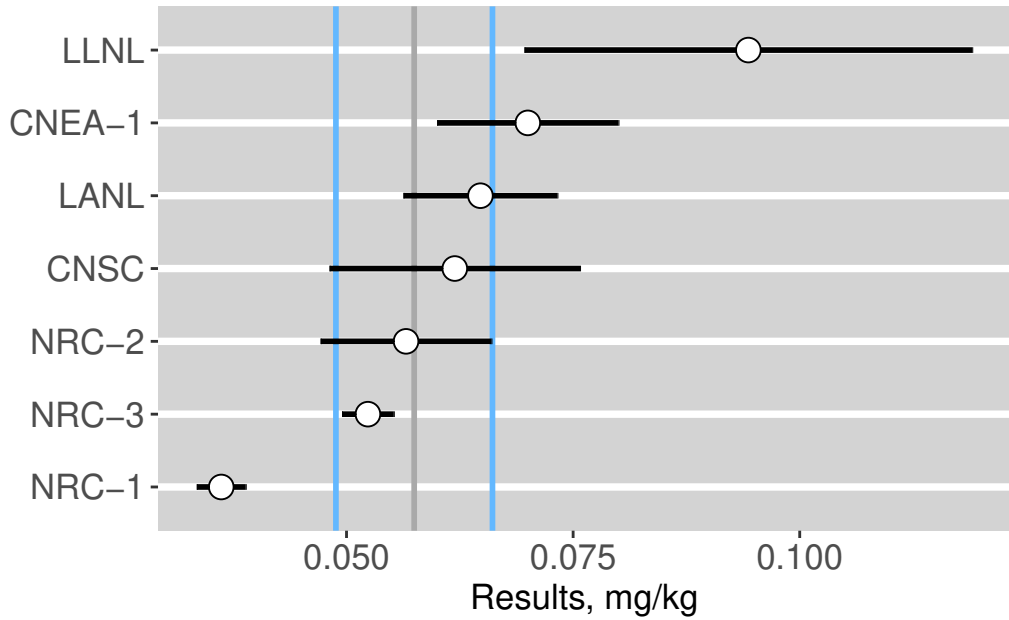
Laboratory	Value	Std.uncertainty
Consensus	0.00447	0.00139
JRC-KRU	0.0053	3e-04
LLNL	0.0036	6e-04
LANL	0.0038	0.0018

### Lead in NRC UCHI-1 (release)



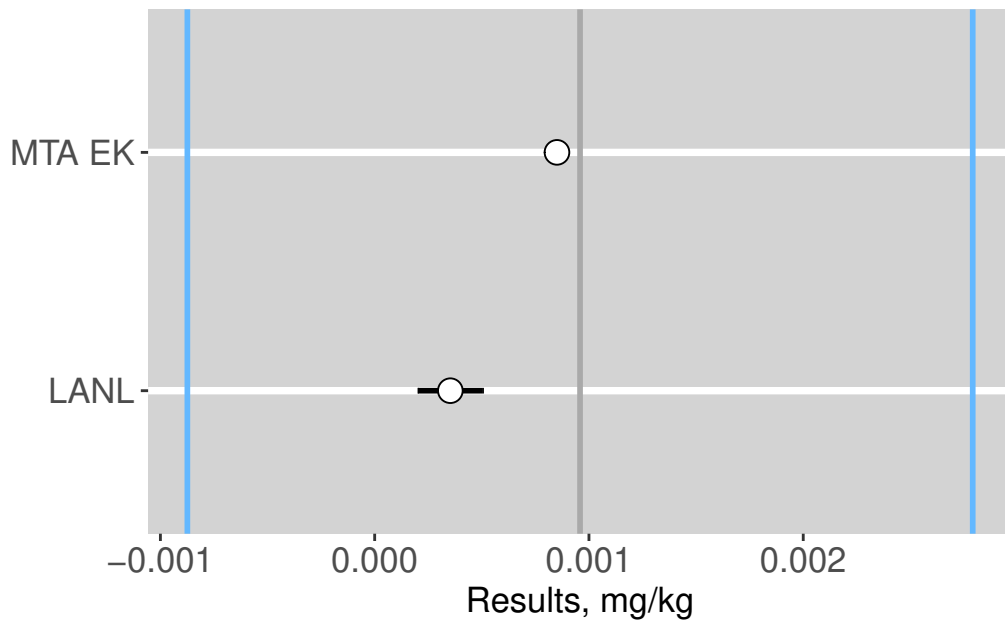
Laboratory	Value	Std.uncertainty
Consensus	-	-
JRC-KRU	0.576	0.033
LLNL	0.053	0.005

### Lithium in NRC UCHI-1 (certified)



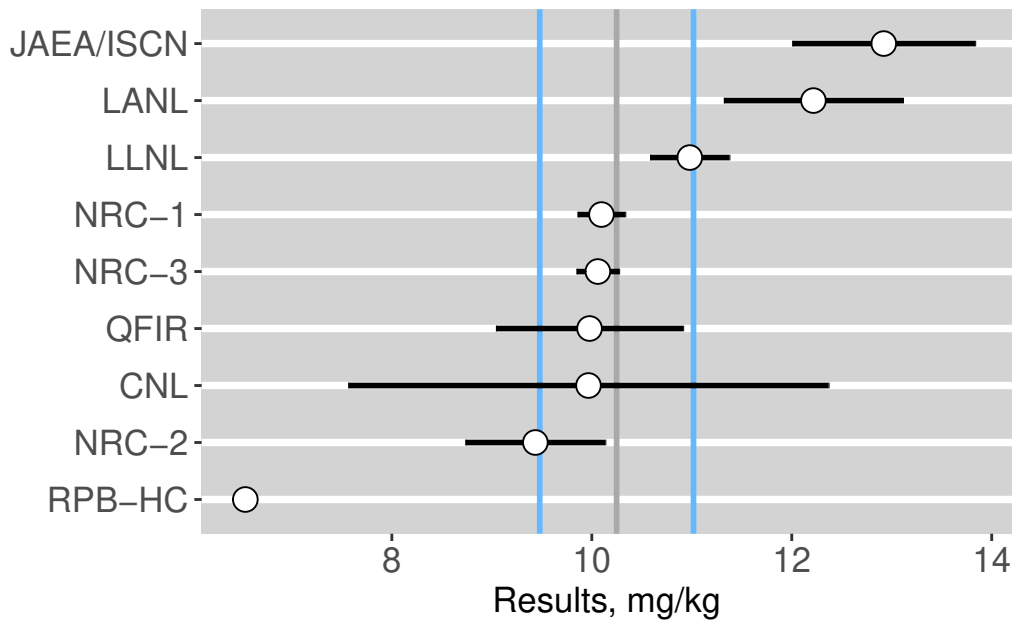
Laboratory	Value	Std.uncertainty
Consensus	0.0575	0.0086
CNEA-1	0.07	0.01
CNSC	0.062	0.014
LLNL	0.094	0.025
NRC-1	0.036	0.003
NRC-2	0.057	0.009
NRC-3	0.052	0.003
LANL	0.065	0.008

### Lutetium in NRC UCHI-1 (information)



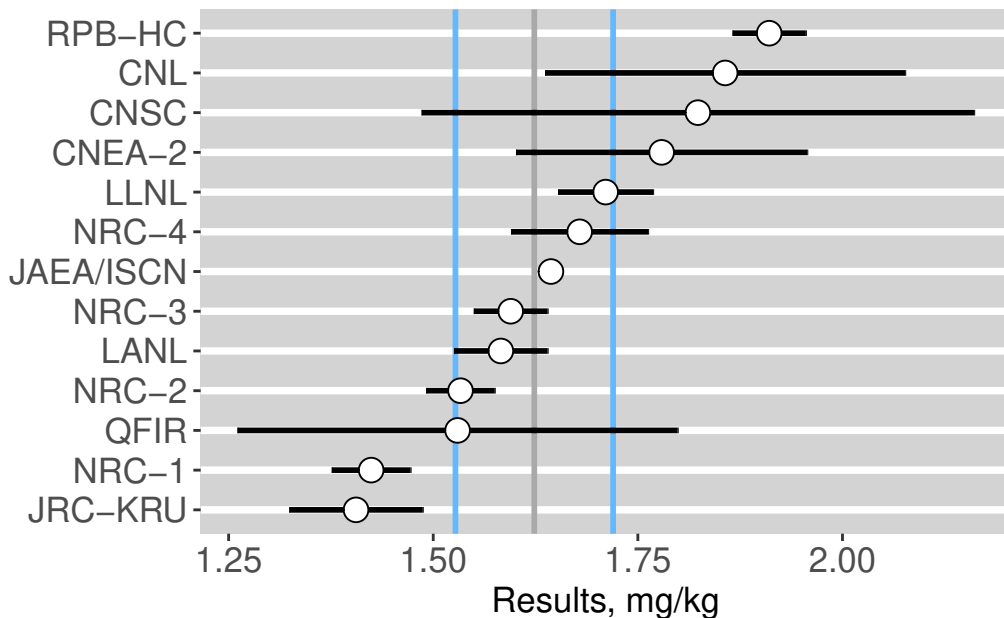
Laboratory	Value	Std.uncertainty
Consensus	0.001	-
MTA EK	0.00085	4e-05
LANL	0.00035	0.00015

### Magnesium in NRC UCHI-1 (certified)



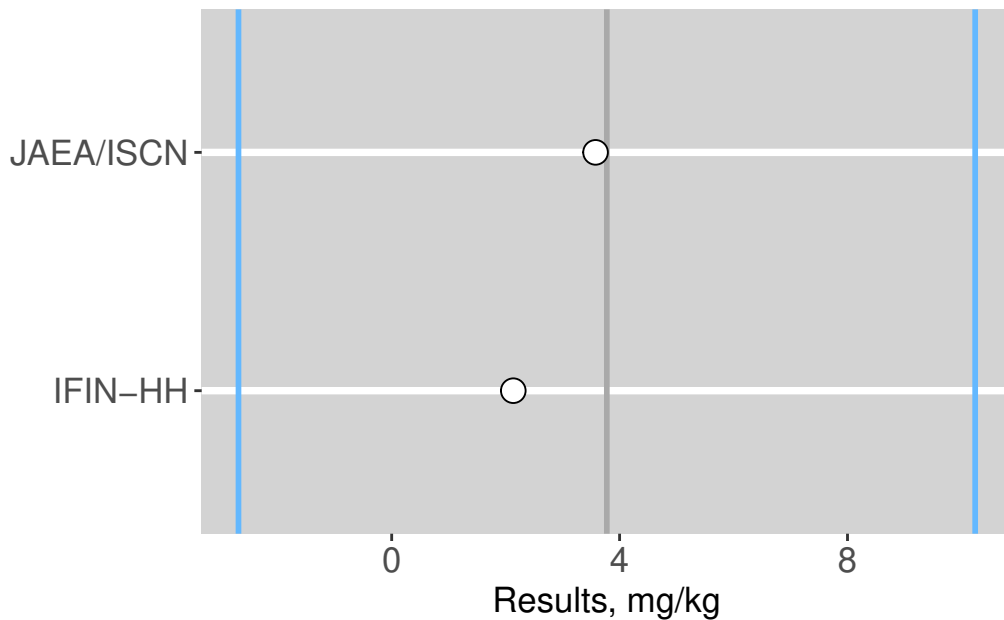
Laboratory	Value	Std.uncertainty
Consensus	10.25	0.77
CNL	9.97	2.4
JAEA/ISCN	12.92	0.91
LLNL	10.98	0.4
NRC-1	10.1	0.24
NRC-2	9.44	0.7
NRC-3	10.06	0.21
QFIR	9.98	0.94
RPB-HC	6.53	0.07
LANL	12.22	0.9

### Manganese in NRC UCHI-1 (certified)



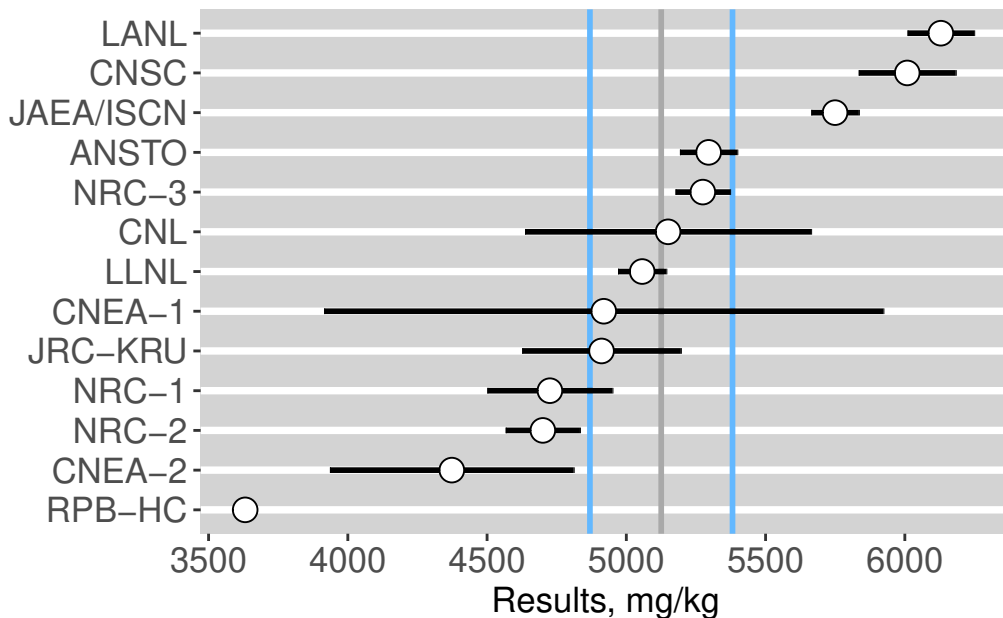
Laboratory	Value	Std.uncertainty
Consensus	1.623	0.096
CNEA-2	1.78	0.18
CNL	1.86	0.22
CNSC	1.82	0.34
JAEA/ISCN	1.64	0.01
JRC-KRU	1.41	0.08
LLNL	1.71	0.06
NRC-1	1.42	0.05
NRC-2	1.53	0.04
NRC-3	1.59	0.05
NRC-4	1.68	0.08
QFIR	1.53	0.27
RPB-HC	1.91	0.04

### Mercury in NRC UCHI-1 (information)



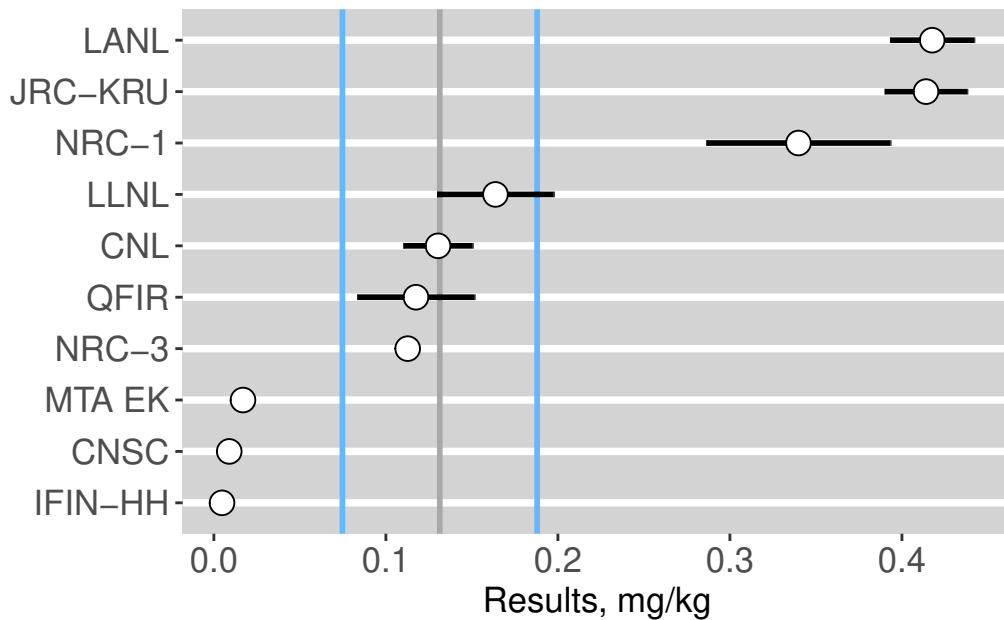
Laboratory	Value	Std.uncertainty
Consensus	3.8	-
IFIN-HH	2.134	0.007
JAEA/ISCN	3.578	0.05

### Molybdenum in NRC UCHI-1 (certified)



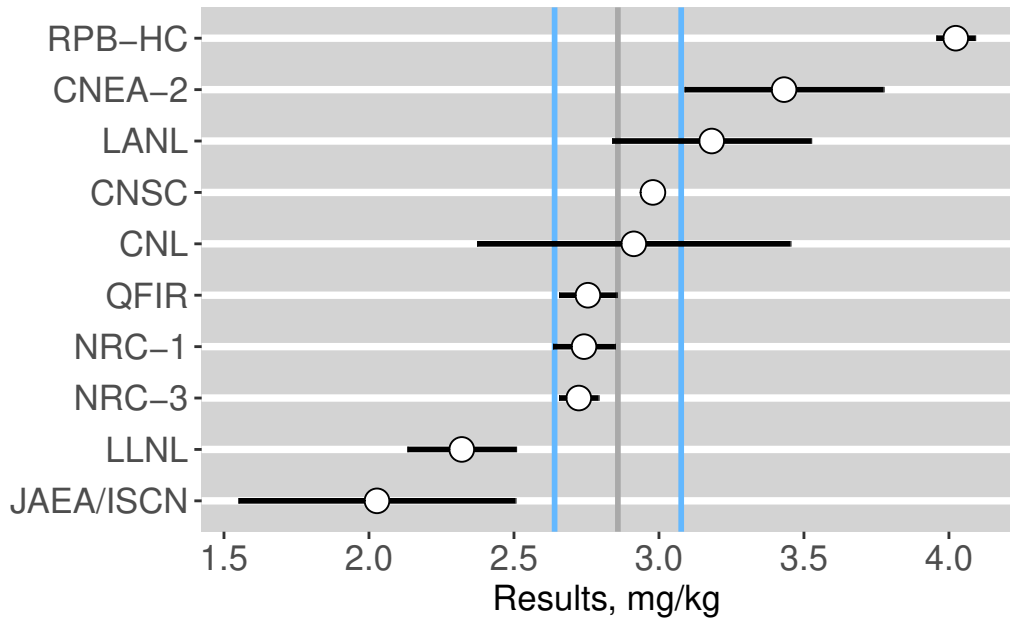
Laboratory	Value	Std.uncertainty
Consensus	5130	260
CNEA-1	4920	1000
ANSTO	5300	100
CNEA-2	4370	440
CNL	5150	510
CNSC	6010	170
JAEA/ISCN	5750	90
JRC-KRU	4910	280
LLNL	5060	90
NRC-1	4730	220
NRC-2	4700	130
NRC-3	5270	100
RPB-HC	3620	90

### Neodymium in NRC UCHI-1 (release)



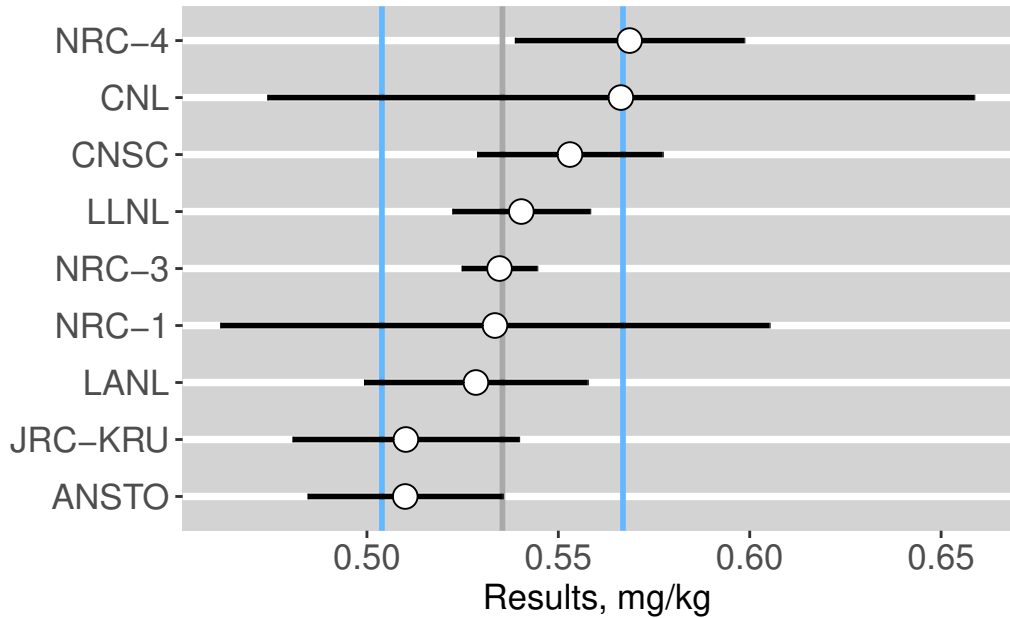
Laboratory	Value	Std.uncertainty
Consensus	-	-
CNL	0.1303	0.0201
CNSC	0.0089	7e-04
IFIN-HH	0.0047	0.001
JRC-KRU	0.414	0.024
LLNL	0.1637	0.0339
MTA EK	0.0169	6e-04
NRC-1	0.3398	0.0535
NRC-3	0.1127	0.0061
QFIR	0.1175	0.0341
LANL	0.4176	0.0245

### Nickel in NRC UCHI-1 (certified)



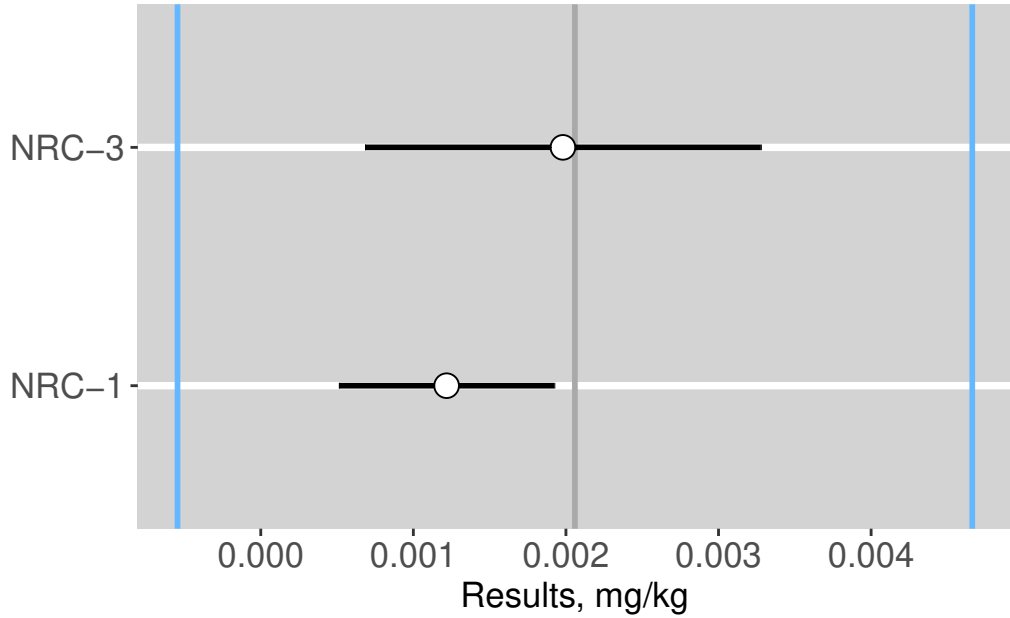
Laboratory	Value	Std.uncertainty
Consensus	2.86	0.22
CNEA-2	3.431	0.343
CNL	2.913	0.54
CNSC	2.979	0.007
JAEA/ISCN	2.028	0.478
LLNL	2.32	0.187
NRC-1	2.742	0.107
NRC-3	2.724	0.068
QFIR	2.755	0.099
RPB-HC	4.024	0.067
LANL	3.182	0.343

### Niobium in NRC UCHI-1 (certified)



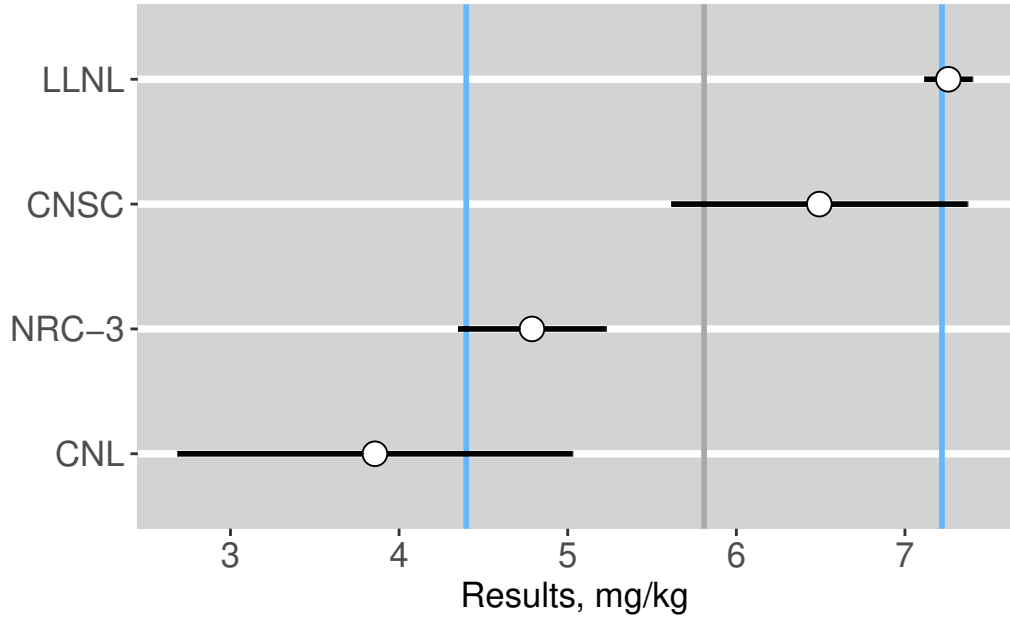
Laboratory	Value	Std.uncertainty
Consensus	0.535	0.031
ANSTO	0.51	0.025
CNL	0.566	0.092
CNSC	0.553	0.024
JRC-KRU	0.51	0.03
LLNL	0.54	0.018
NRC-1	0.533	0.072
NRC-3	0.535	0.01
NRC-4	0.569	0.03
LANL	0.528	0.029

### Palladium in NRC UCHI-1 (release)



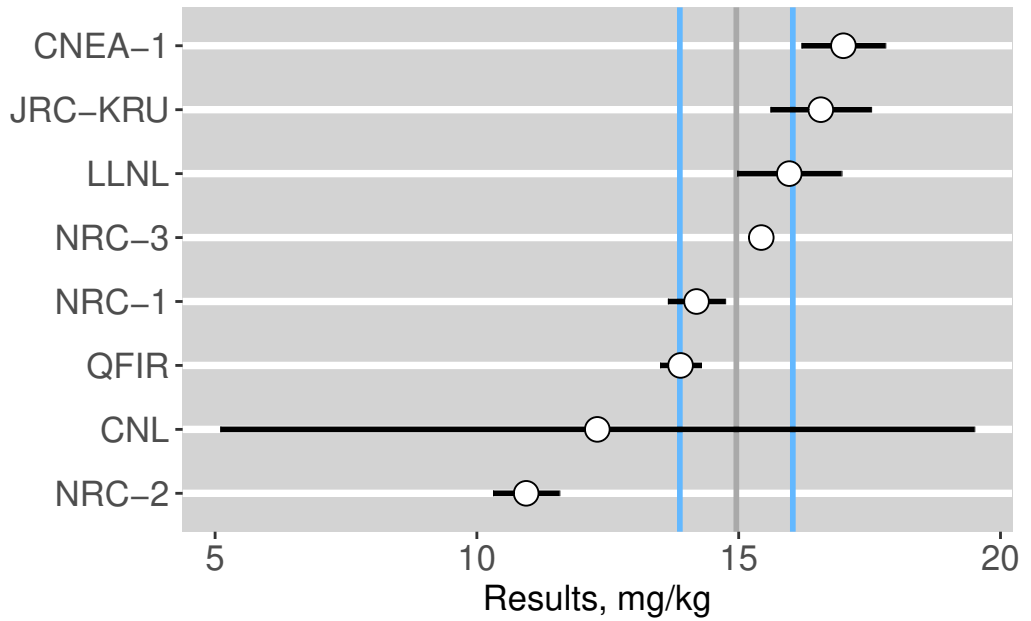
Laboratory	Value	Std.uncertainty
Consensus	-	-
NRC-1	0.0012	7e-04
NRC-3	0.002	0.0013

### Phosphorus in NRC UCHI-1 (reference)



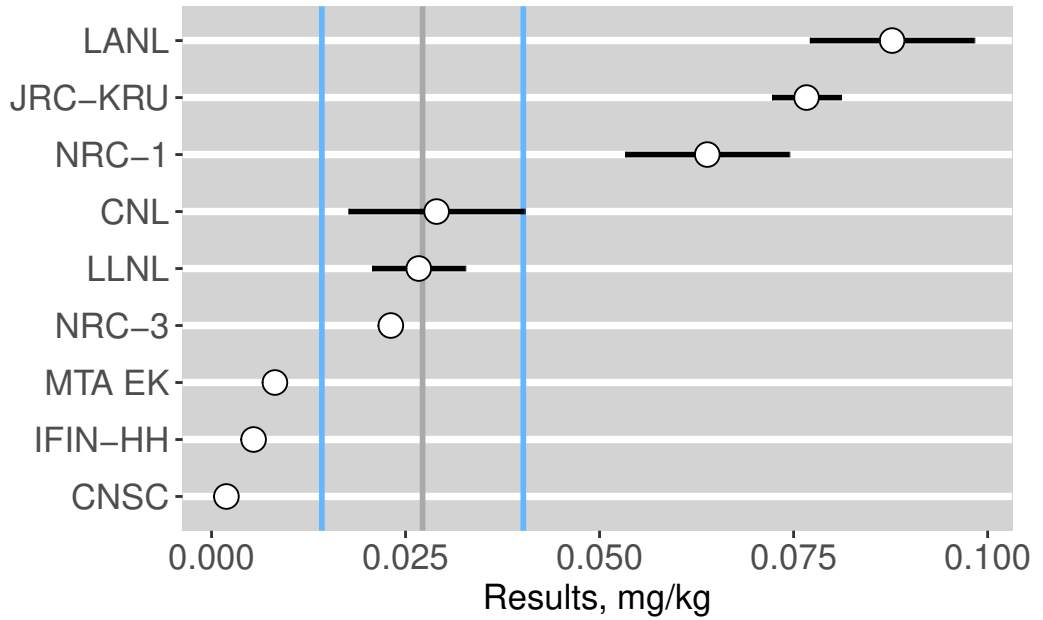
Laboratory	Value	Std.uncertainty
Consensus	5.81	1.41
CNL	3.9	1.2
CNSC	6.5	0.9
LLNL	7.3	0.1
NRC-3	4.8	0.4

### Potassium in NRC UCHI-1 (certified)



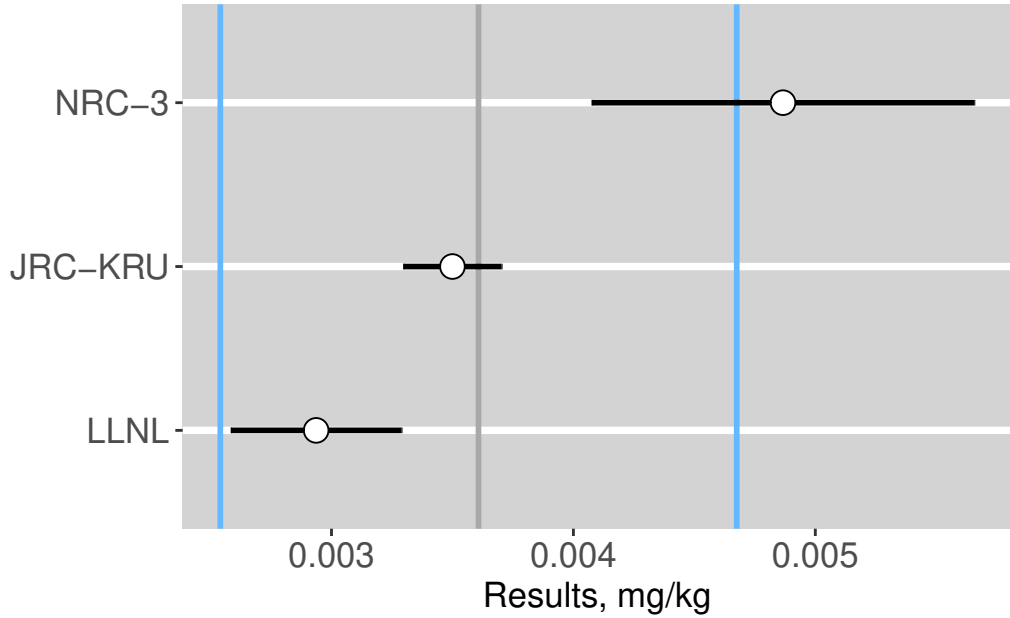
Laboratory	Value	Std.uncertainty
Consensus	14.96	1.08
CNEA-1	17	0.8
CNL	12.3	7.2
JRC-KRU	16.6	1
LLNL	16	1
NRC-1	14.2	0.5
NRC-2	10.9	0.6
NRC-3	15.4	0.1
QFIR	13.9	0.4

### Praseodymium in NRC UCHI-1 (release)



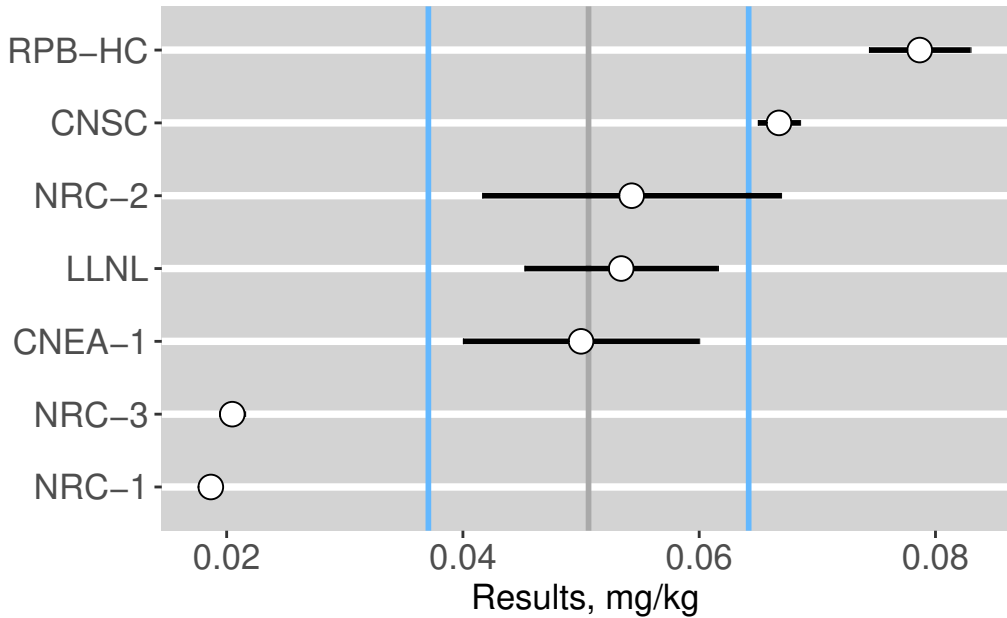
Laboratory	Value	Std.uncertainty
Consensus	-	-
CNL	0.029	0.0113
CNSC	0.0019	8e-04
IFIN-HH	0.0054	0.0013
JRC-KRU	0.0767	0.0044
LLNL	0.0267	0.006
MTA EK	0.0082	4e-04
NRC-1	0.0639	0.0106
NRC-3	0.0231	0.0013
LANL	0.0877	0.0106

### Rhenium in NRC UCHI-1 (reference)



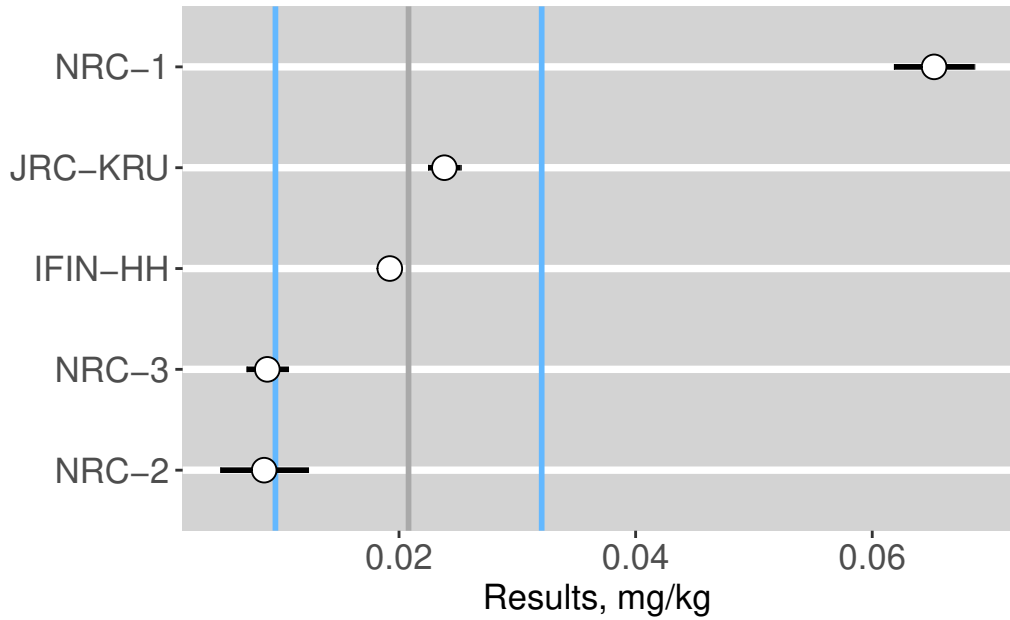
Laboratory	Value	Std.uncertainty
Consensus	0.00361	0.00107
JRC-KRU	0.0035	2e-04
LLNL	0.0029	4e-04
NRC-3	0.0049	8e-04

### Rubidium in NRC UCHI-1 (information)



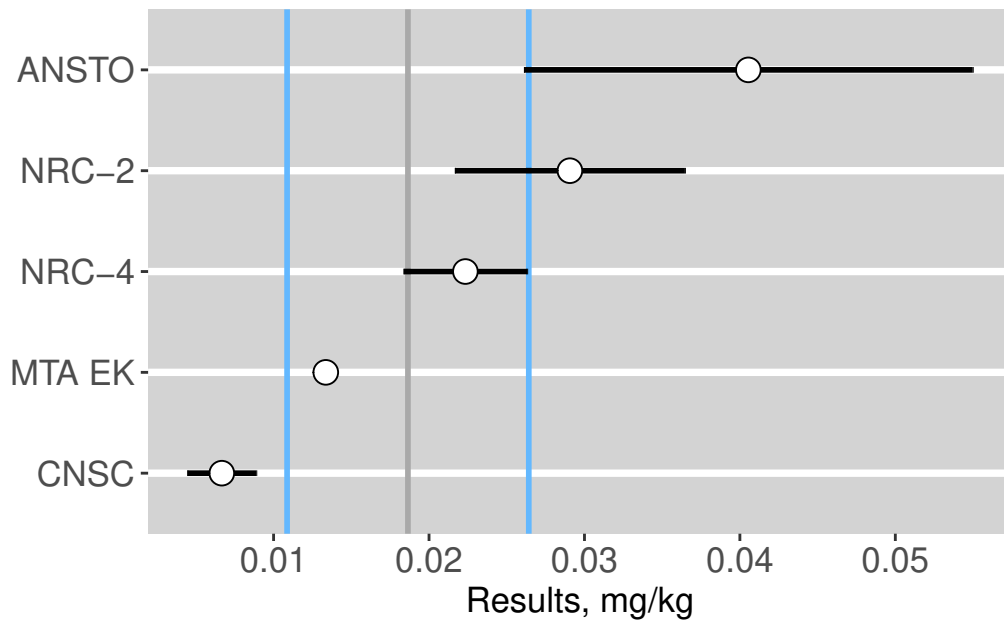
Laboratory	Value	Std.uncertainty
Consensus	0.0506	-
CNEA-1	0.05	0.01
CNSC	0.0668	0.0018
LLNL	0.0534	0.0082
NRC-1	0.0187	9e-04
NRC-2	0.0543	0.0126
NRC-3	0.0205	0.0011
RPB-HC	0.0787	0.0043

### Ruthenium in NRC UCHI-1 (information)



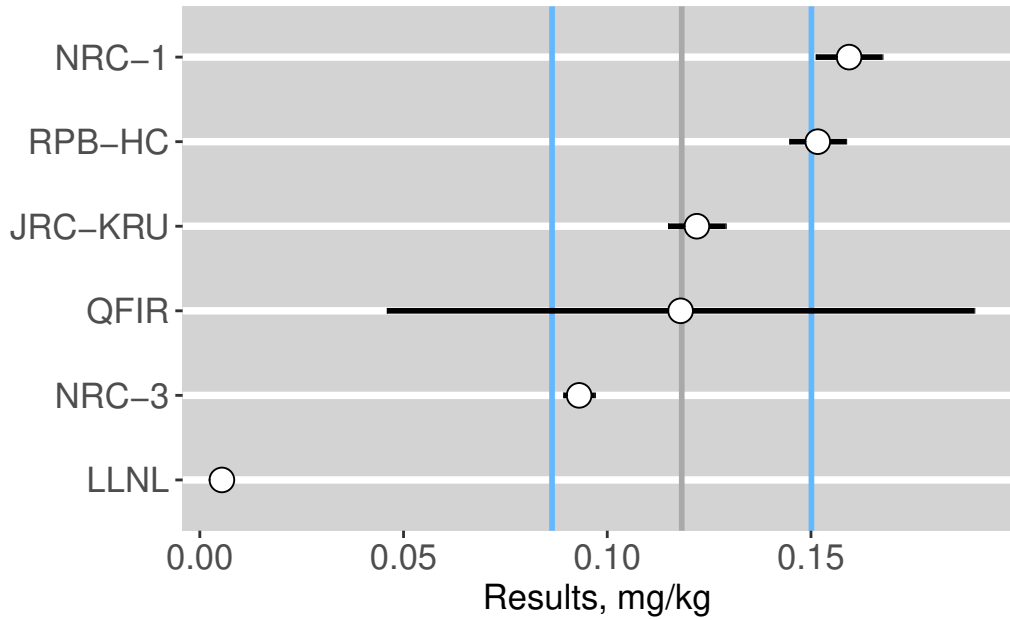
Laboratory	Value	Std.uncertainty
Consensus	0.0208	-
IFIN-HH	0.0192	7e-04
JRC-KRU	0.0238	0.0014
NRC-1	0.0652	0.0034
NRC-2	0.0086	0.0037
NRC-3	0.0089	0.0018

### Samarium in NRC UCHI-1 (information)



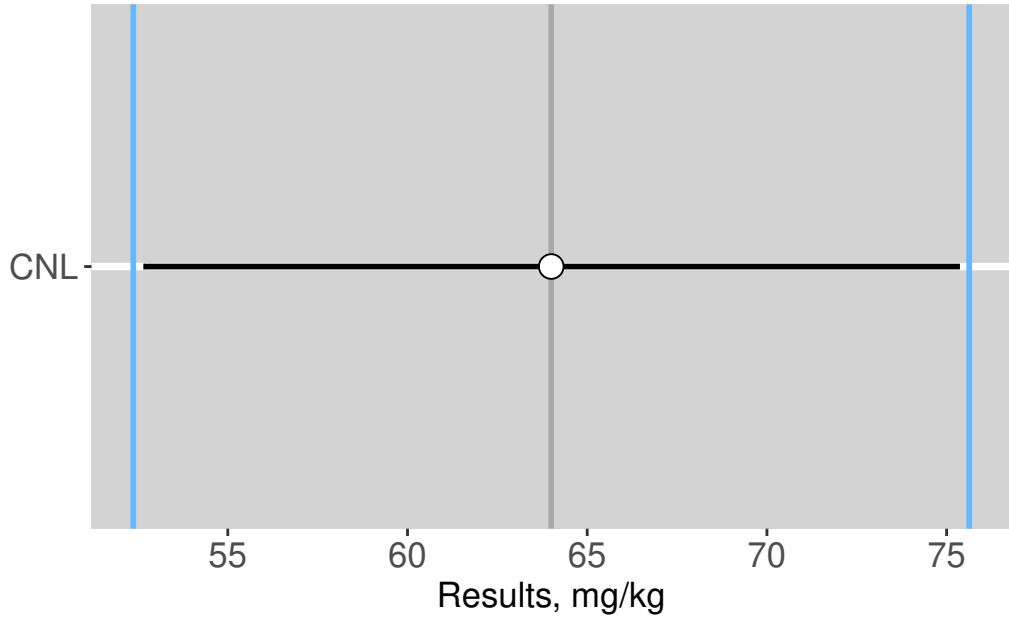
Laboratory	Value	Std.uncertainty
Consensus	0.0186	-
ANSTO	0.0405	0.0144
CNSC	0.0067	0.0022
MTA EK	0.0134	5e-04
NRC-2	0.0291	0.0074
NRC-4	0.0223	0.004

### Scandium in NRC UCHI-1 (release)



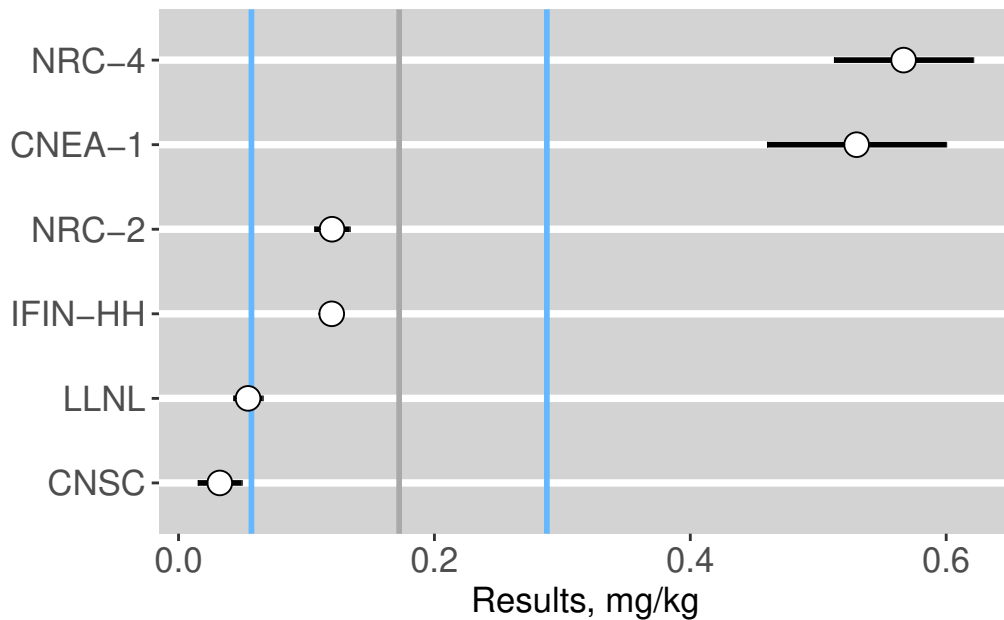
Laboratory	Value	Std.uncertainty
Consensus	-	-
JRC-KRU	0.122	0.0071
LLNL	0.0054	4e-04
NRC-1	0.1594	0.0082
NRC-3	0.0931	0.0039
QFIR	0.118	0.0721
RPB-HC	0.1517	0.007

### Silicon in NRC UCHI-1 (release)



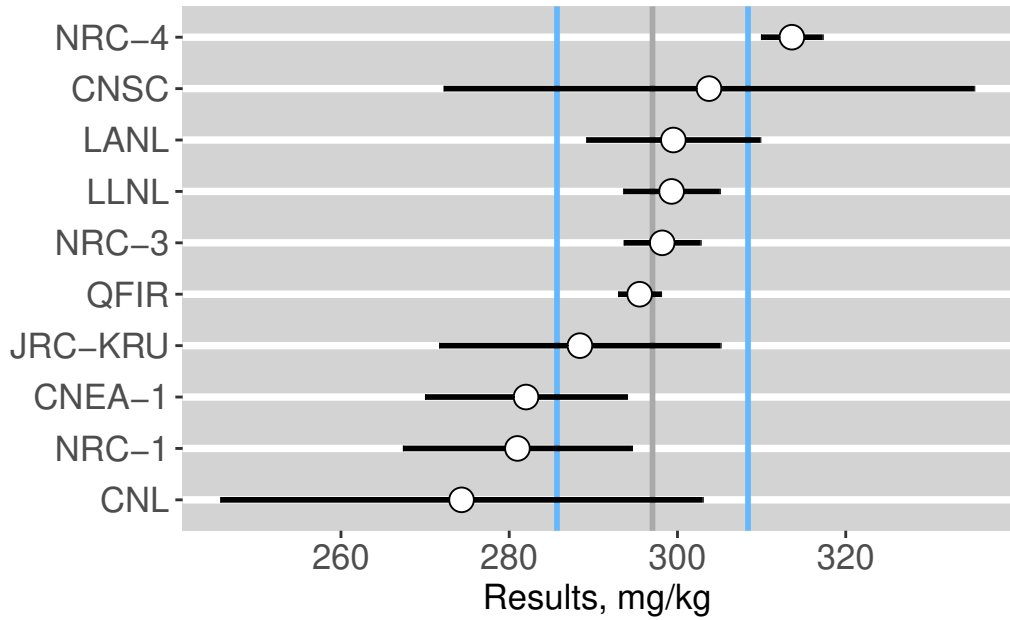
Laboratory	Value	Std.uncertainty
Consensus	–	–
CNL	60	10

### Silver in NRC UCHI-1 (release)



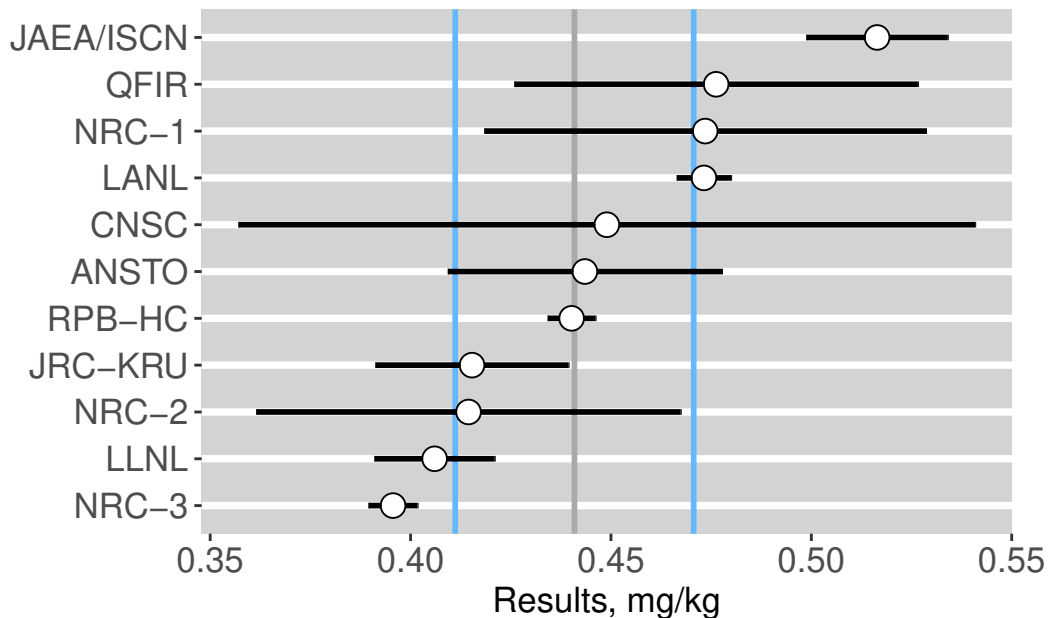
Laboratory	Value	Std.uncertainty
Consensus	–	–
CNEA-1	0.53	0.07
CNSC	0.032	0.017
IFIN-HH	0.12	0.006
LLNL	0.054	0.011
NRC-2	0.12	0.014
NRC-4	0.567	0.054

### Sodium in NRC UCHI-1 (certified)



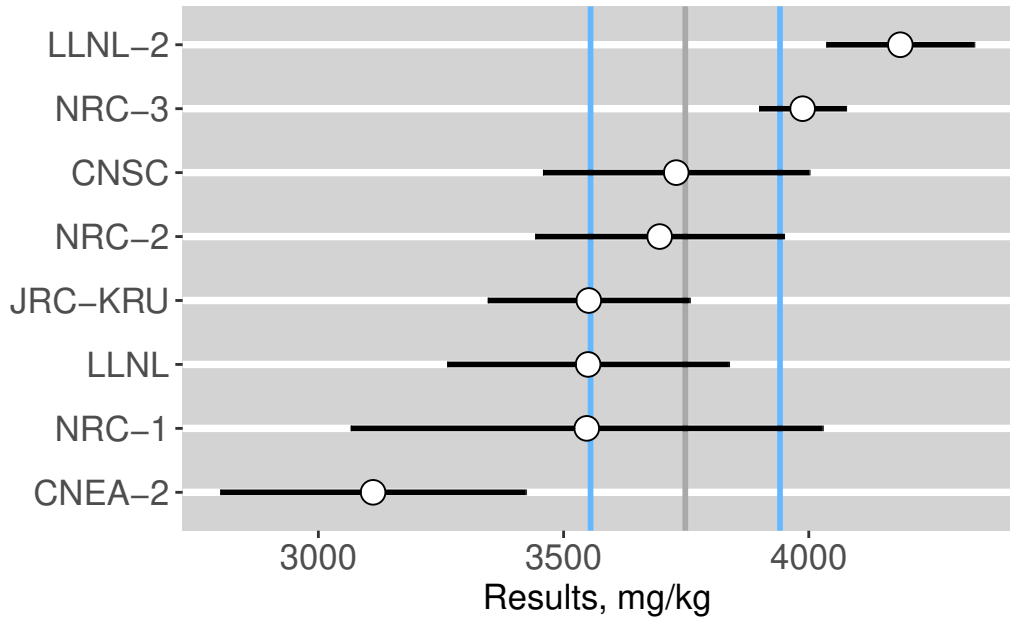
Laboratory	Value	Std.uncertainty
Consensus	297	11.4
CNEA-1	282	12
CNL	274	29
CNSC	304	32
JRC-KRU	288	17
LLNL	299	6
NRC-1	281	14
NRC-3	298	5
NRC-4	314	4
QFIR	296	3
LANL	300	10

### Strontium in NRC UCHI-1 (certified)



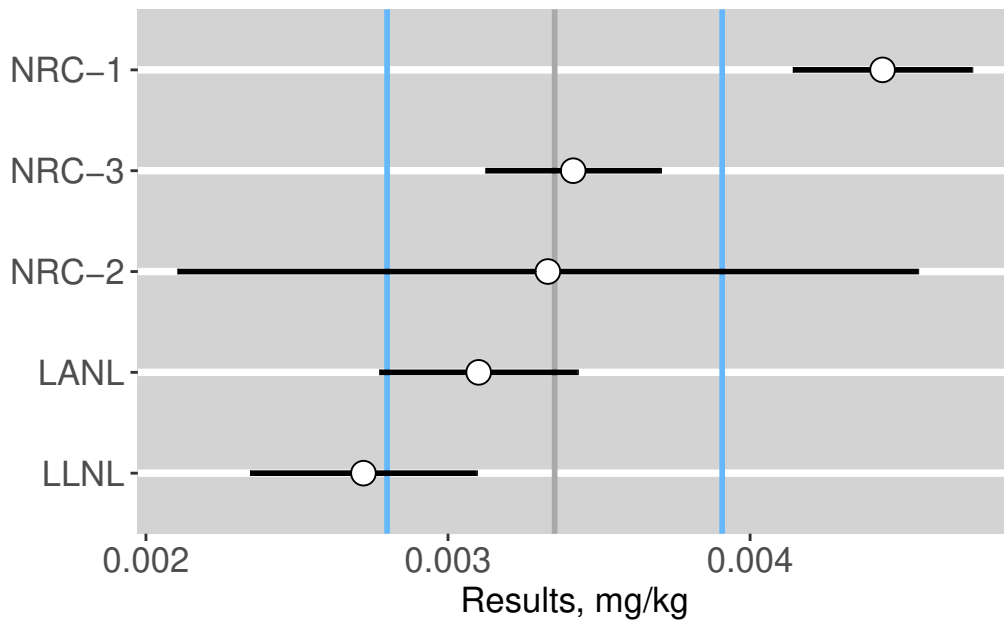
Laboratory	Value	Std.uncertainty
Consensus	0.441	0.03
ANSTO	0.444	0.034
CNSC	0.449	0.092
JAEA/ISCN	0.516	0.018
JRC-KRU	0.415	0.024
LLNL	0.406	0.015
NRC-1	0.474	0.055
NRC-2	0.414	0.053
NRC-3	0.396	0.006
QFIR	0.476	0.05
RPB-HC	0.44	0.006
LANL	0.472	0.007

### Sulfur in NRC UCHI-1 (certified)



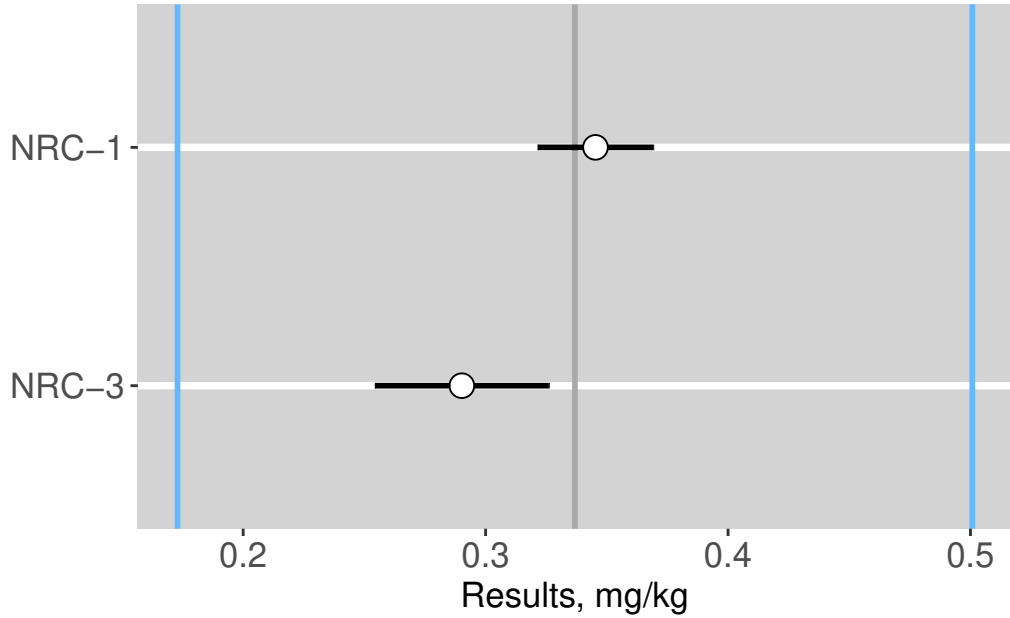
Laboratory	Value	Std.uncertainty
Consensus	3750	190
CNEA-2	3110	310
LLNL	3550	290
NRC-1	3550	480
JRC-KRU	3550	210
NRC-2	3700	250
CNSC	3730	270
NRC-3	3990	90
LLNL-2	4190	150

### Tantalum in NRC UCHI-1 (certified)



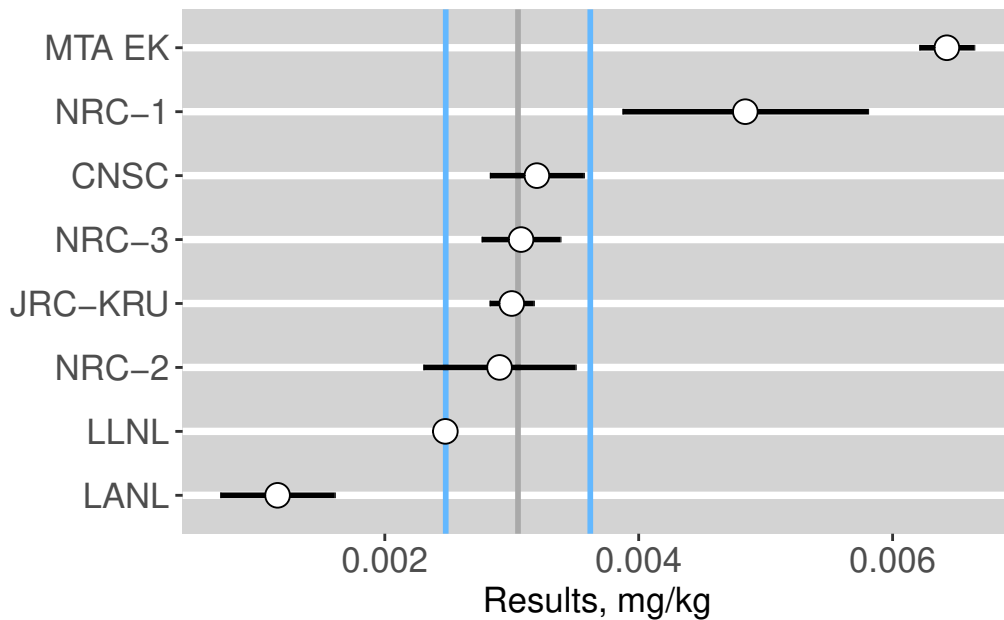
Laboratory	Value	Std.uncertainty
Consensus	0.00335	0.00055
LLNL	0.0027	4e-04
NRC-1	0.0044	3e-04
NRC-2	0.0033	0.0012
NRC-3	0.0034	3e-04
LANL	0.0031	3e-04

### Tellurium in NRC UCHI-1 (release)



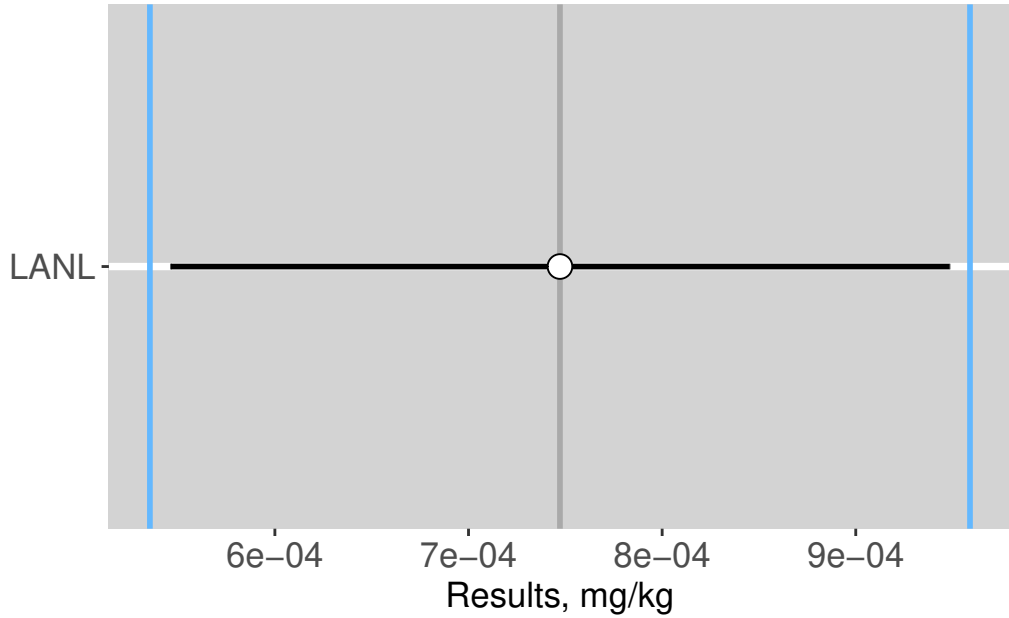
Laboratory	Value	Std.uncertainty
Consensus	0.35	0.02
NRC-1	0.35	0.02
NRC-3	0.29	0.04

### Terbium in NRC UCHI-1 (reference)



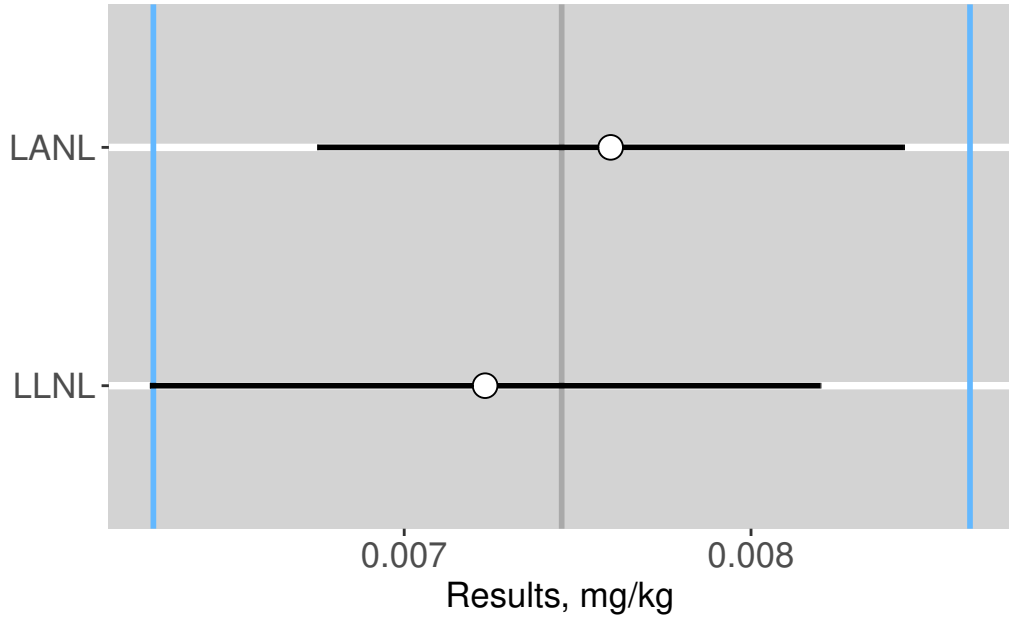
Laboratory	Value	Std.uncertainty
Consensus	0.00305	0.00057
CNSC	0.0032	0.00037
JRC-KRU	0.003	0.00017
LLNL	0.00248	7e-05
MTA EK	0.00643	0.00022
NRC-1	0.00484	0.00097
NRC-2	0.0029	6e-04
NRC-3	0.00307	0.00031
LANL	0.00116	0.00045

### Thallium in NRC UCHI-1 (release)



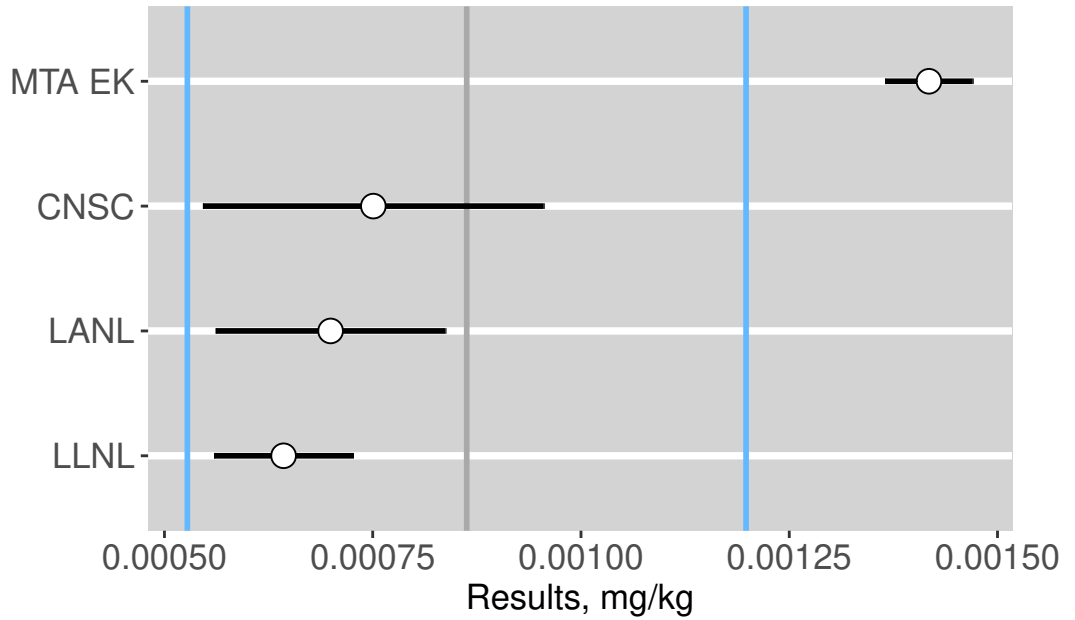
Laboratory	Value	Std.uncertainty
Consensus	-	-
LANL	7e-04	2e-04

### Thorium in NRC UCHI-1 (reference)



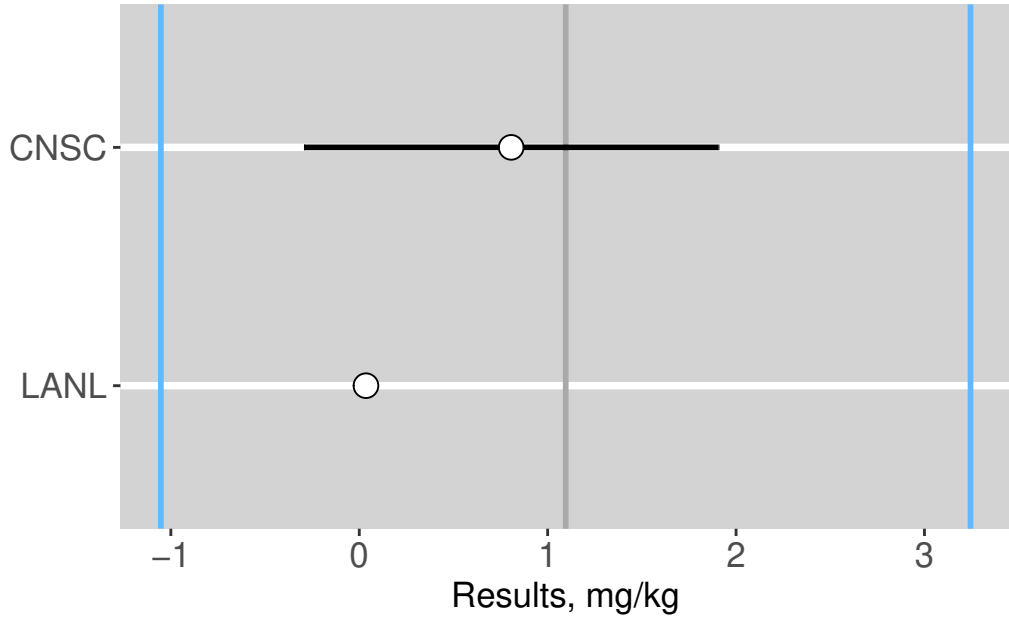
Laboratory	Value	Std.uncertainty
Consensus	0.00745	0.00118
LLNL	0.0072	0.001
LANL	0.0076	8e-04

### Thulium in NRC UCHI-1 (reference)



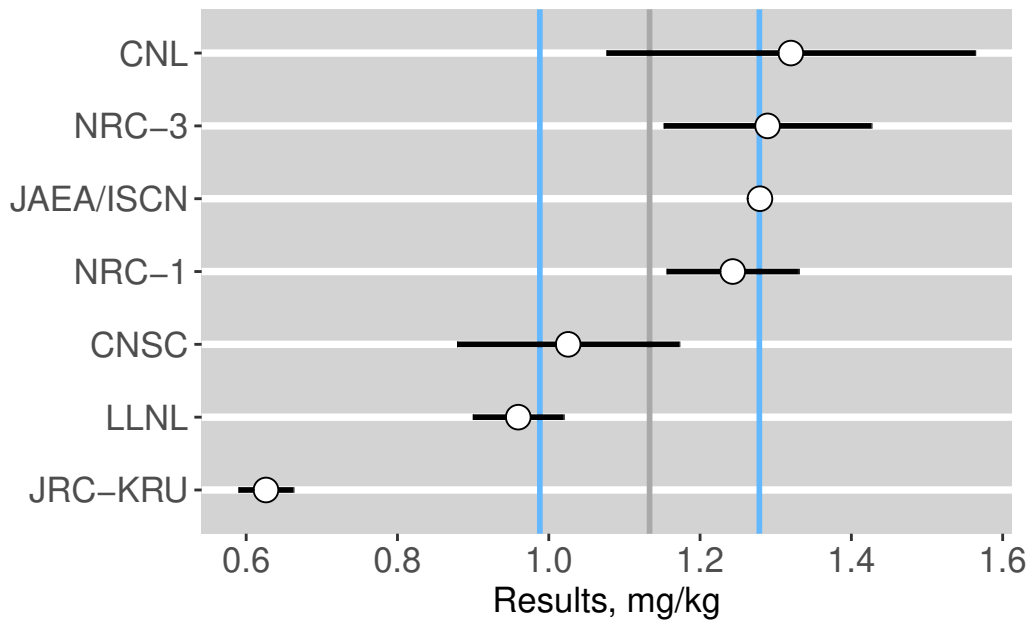
Laboratory	Value	Std.uncertainty
Consensus	0.00086	0.00034
CNSC	0.00075	2e-04
LLNL	0.00064	8e-05
MTA EK	0.00142	5e-05
LANL	7e-04	0.00014

### Tin in NRC UCHI-1 (release)



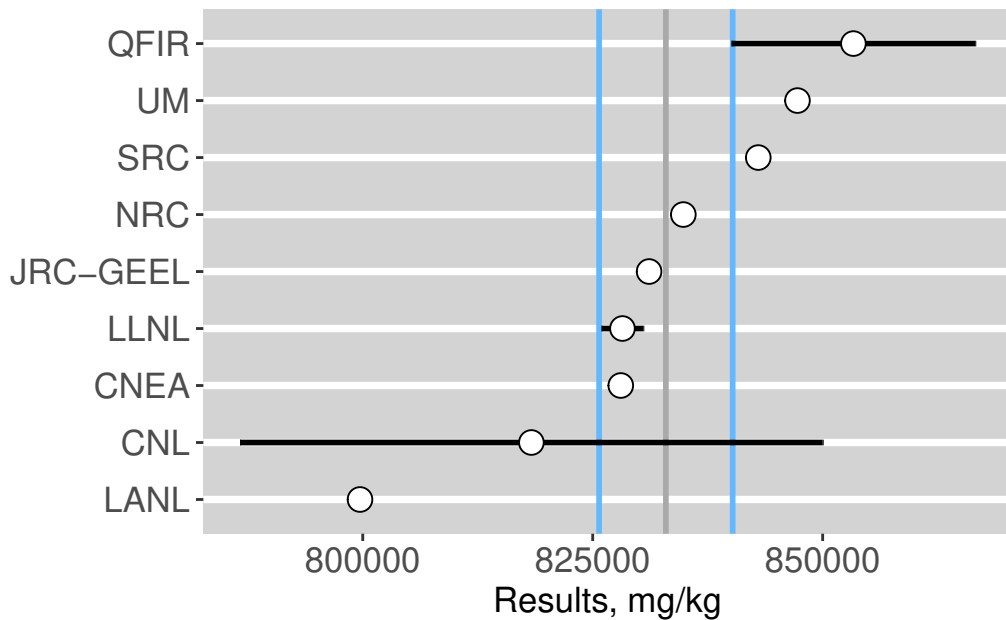
Laboratory	Value	Std.uncertainty
Consensus	-	-
CNSC	0.806	1.1
LANL	0.035	0.005

### Titanium in NRC UCHI-1 (reference)



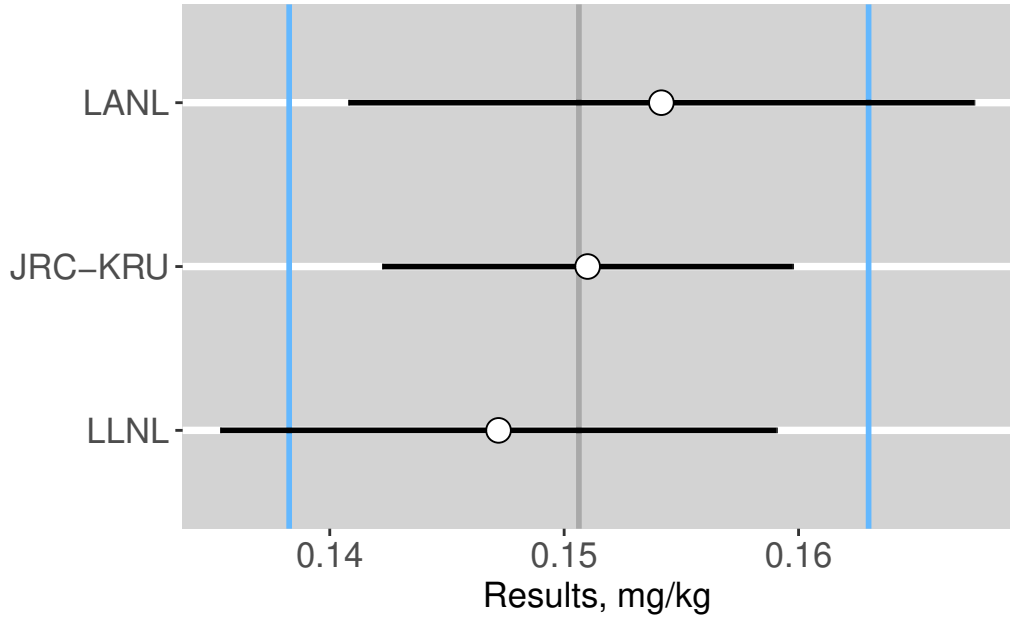
Laboratory	Value	Std.uncertainty
Consensus	1.133	0.145
CNL	1.32	0.244
CNSC	1.026	0.147
JAEA/ISCN	1.279	0.007
JRC-KRU	0.626	0.036
LLNL	0.96	0.06
NRC-1	1.243	0.087
NRC-3	1.289	0.137

### Uranium in NRC UCHI-1 (certified)



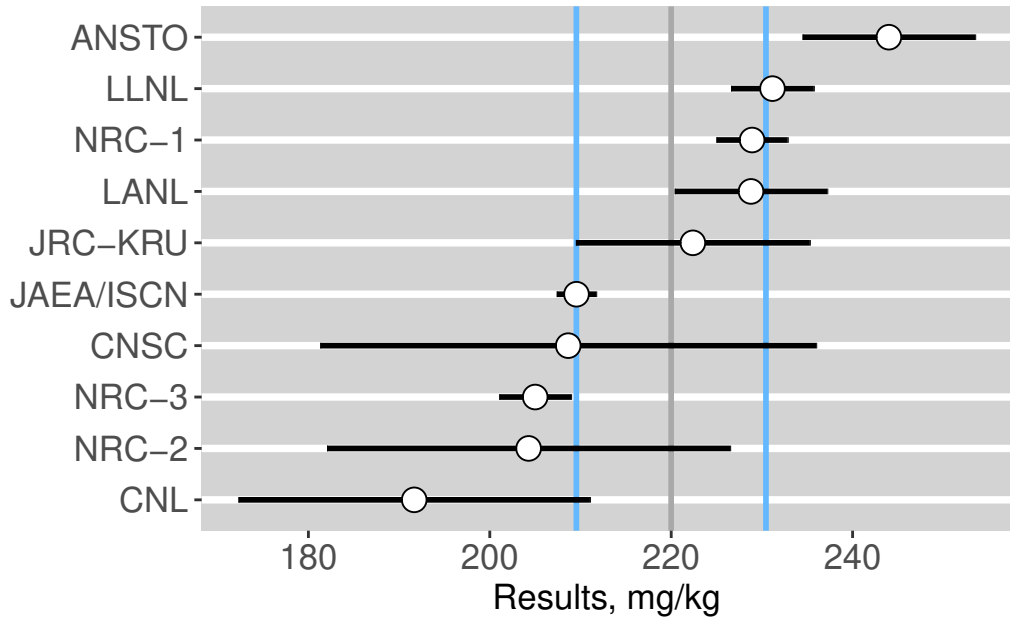
Laboratory	Value	Std.uncertainty
Consensus	833000	7300
CNEA	828000	800
CNL	818300	31700
JRC-GEEL	831100	200
SRC	843000	1000
UM	847300	1000
NRC	834900	700
QFIR	853300	13200
LLNL	828200	2300
LANL	799700	300

### Vanadium in NRC UCHI-1 (certified)



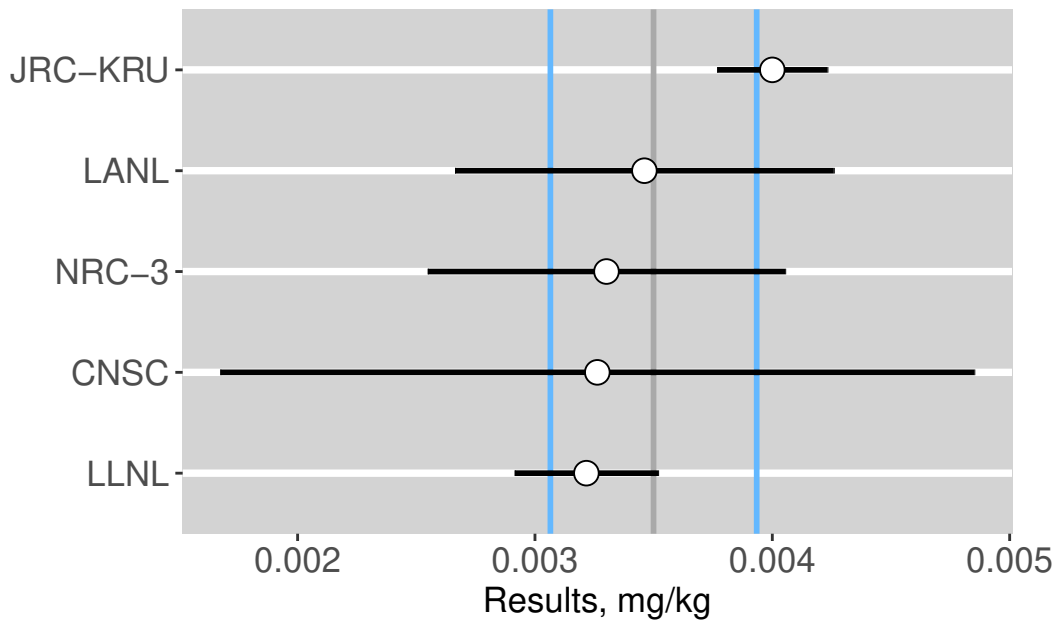
Laboratory	Value	Std.uncertainty
Consensus	0.1506	0.0124
JRC-KRU	0.151	0.009
LLNL	0.147	0.012
LANL	0.154	0.013

### Wolfram in NRC UCHI-1 (certified)



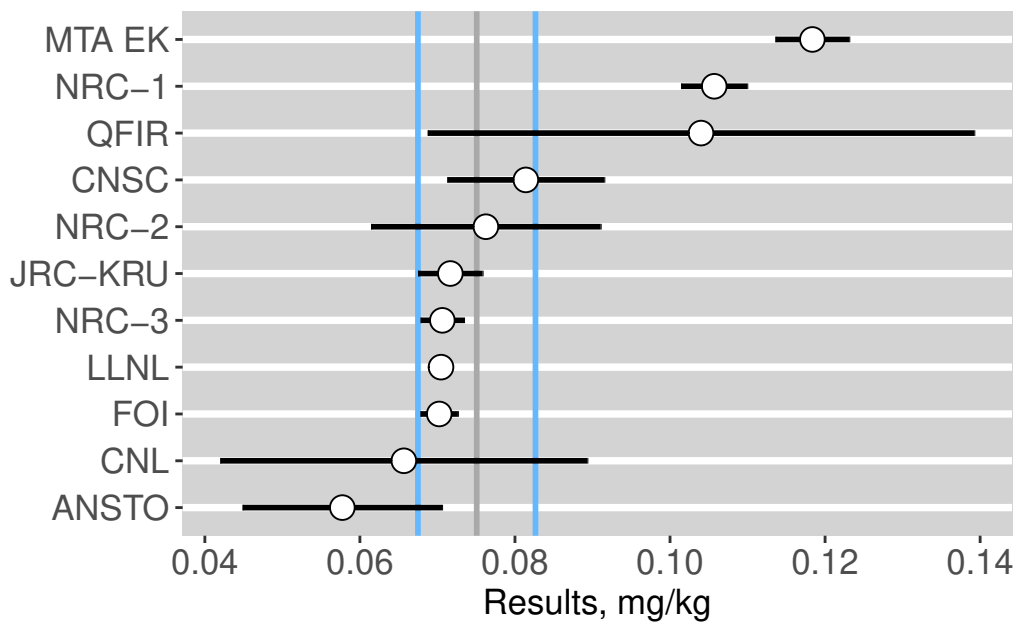
Laboratory	Value	Std.uncertainty
Consensus	220	10.5
ANSTO	244	10
CNL	192	19
CNSC	209	27
JAEA/ISCN	210	2
JRC-KRU	222	13
LLNL	231	5
NRC-1	229	4
NRC-2	204	22
NRC-3	205	4
LANL	229	8

### Ytterbium in NRC UCHI-1 (certified)



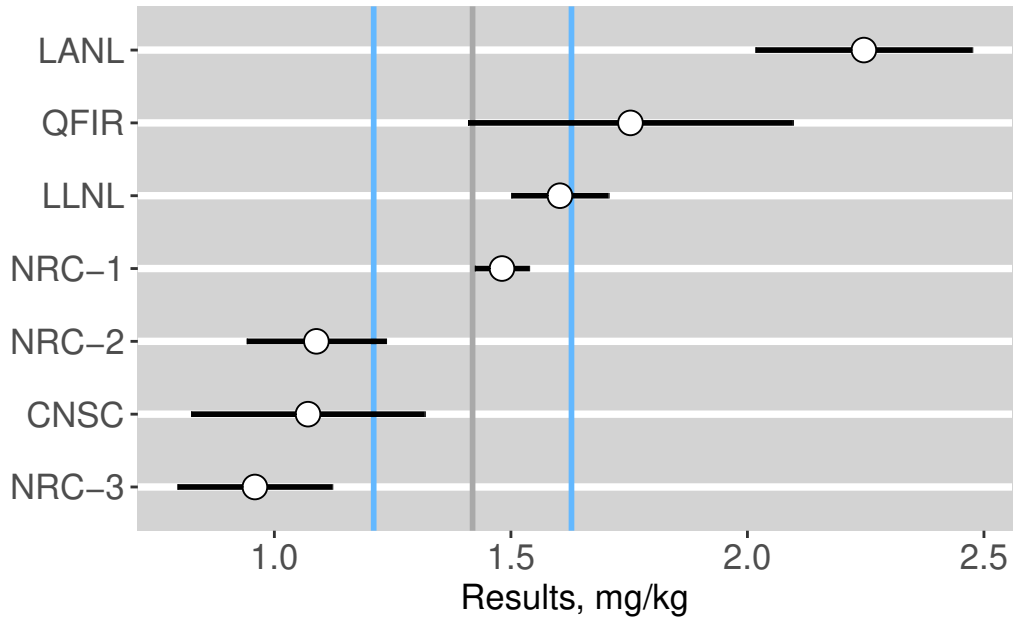
Laboratory	Value	Std.uncertainty
Consensus	0.0035	0.00043
CNSC	0.0033	0.0016
JRC-KRU	0.004	2e-04
LLNL	0.0032	3e-04
NRC-3	0.0033	8e-04
LANL	0.0035	8e-04

### Yttrium in NRC UCHI-1 (certified)



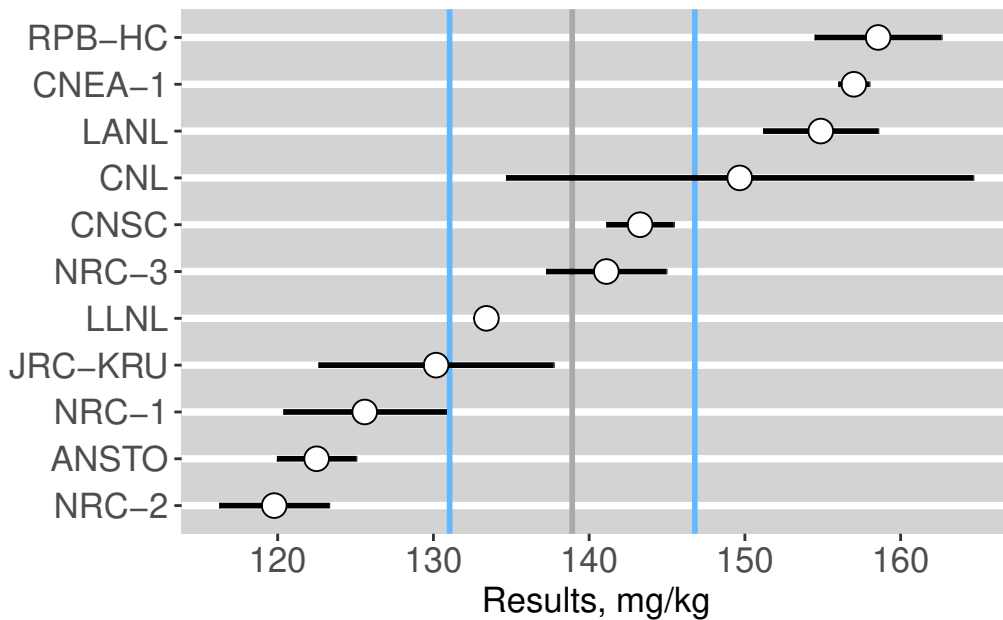
Laboratory	Value	Std.uncertainty
Consensus	0.0751	0.0076
ANSTO	0.0577	0.0129
CNL	0.0657	0.0237
CNSC	0.0814	0.0101
FOI	0.0702	0.0024
JRC-KRU	0.0717	0.0042
LLNL	0.0705	0.001
MTA EK	0.1184	0.0048
NRC-1	0.1057	0.0043
NRC-2	0.0762	0.0148
NRC-3	0.0706	0.0028
QFIR	0.104	0.0250

### Zinc in NRC UCHI-1 (certified)



Laboratory	Value	Std.uncertainty
Consensus	1.42	0.21
CNSC	1.07	0.25
LLNL	1.6	0.1
NRC-1	1.48	0.06
NRC-2	1.09	0.15
NRC-3	0.96	0.16
QFIR	1.75	0.34
LANL	2.25	0.23

### Zirconium in NRC UCHI-1 (certified)



Laboratory	Value	Std.uncertainty
Consensus	138.9	7.9
CNEA-1	157	1
ANSTO	122.5	2.5
CNL	149.7	15
CNSC	143.3	2.2
JRC-KRU	130.2	7.6
LLNL	133.4	0.6
NRC-1	125.6	5.2
NRC-2	119.8	3.5
NRC-3	141.1	3.9
RPB-HC	158.6	4.1
LANL	154.0	2.7