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STABLE ISOTOPE

RESEARCH POOL INVENTORY

REVISED

January, 1981

Office of Energy Research
Division of Chemical Sciences
U. S. Department of Energy

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FOREWORD

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Department of Energy contractors should arrange for loan of samples directly with the Isotope Sales and Loan Office, Oak Ridge National Laboratory, P. O. Box X, Oak Ridge, TN 37830. Within the United States, others may request approval of loans by writing to the Division of Chemical Sciences, ER-16, MS J-309, GTN, Office of Energy Research, U. S. Department of Energy, Washington, D.C. 20545.

Samples are available by loan contract outside of the United States only for use in programmatic nuclear data measurements. Requests for loan of samples should be directed to the Director of the Division of Chemical Sciences, ER-16, MS J-309, GTN, Office of Energy Research, U. S. Department of Energy, Washington, D.C. 20545.

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ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
ANTIMONY-121	0164502	99.57	38500
ANTIMONY-123	0164601	99.05	42541

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
BARIUM 132	0174704	21.66	989
BARIUM 134	0116240	82.10	28
BARIUM 134	0174801	73.45	13893
BARIUM 135	0116301	92.90	10918
BARIUM 135	0116360	92.90	1516
BARIUM 135	0142801	93.60	7500
BARIUM 135	0174901	78.80	39859
BARIUM 136	0116401	92.50	3908
BARIUM 136	0116426	92.65	7999
BARIUM 137	0116501	81.90	34133
BARIUM 137	0143001	89.60	16597
BARIUM 138	0092085	97.16	95440
BARIUM 138	0143185	99.67	105000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
BORON 10	0098730	99.00	529
BORON 10	0175801	99.89	7860
BORON 11	0172901	99.81	460

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
BROMINE 79	0139101	99.75	1889
BROMINE 79	0139102	99.63	13727
BROMINE 79	0178001	98.61	163603
BROMINE 81	0139201	99.62	7954
BROMINE 81	0139202	99.32	8896
BROMINE 81	0178101	97.81	146594

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
CADMIUM 106	0122680	83.02	40
CADMIUM 106	0141340	88.60	11
CADMIUM 106	0155201	88.40	2143
CADMIUM 106	0155202	82.09	4
CADMIUM 106	0155240	88.40	106
CADMIUM 106	0155281	88.40	52
CADMIUM 106	0180901	80.82	4958
CADMIUM 106	0190201	80.22	25608
CADMIUM 108	0181060	73.68	3998
CADMIUM 108	0190301	69.76	23192
CADMIUM 110	0141501	97.20	148
CADMIUM 110	0155401	96.68	36000
CADMIUM 110	0174080	97.15	37177
CADMIUM 111	0141640	96.50	2082
CADMIUM 111	0141680	96.50	5783
CADMIUM 111	0155560	95.97	1910
CADMIUM 111	0155590	96.05	37728
CADMIUM 111	0174180	95.96	12033
CADMIUM 111	0174181	95.96	29711
CADMIUM 112	0155601	98.15	74468
CADMIUM 112	0174280	98.36	1138
CADMIUM 112	0181380	97.98	1042
CADMIUM 112	0190601	97.05	11457
CADMIUM 112	0190680	97.05	862
CADMIUM 112	0190681	97.05	12800
CADMIUM 112	0190685	97.05	10000
CADMIUM 113	0155740	95.05	116
CADMIUM 113	0181480	94.58	68019
CADMIUM 114	0155802	99.22	6192
CADMIUM 114	0155881	98.57	1000
CADMIUM 114	0174440	99.18	23
CADMIUM 114	0174480	99.18	15058
CADMIUM 114	0181501	98.80	762
CADMIUM 114	0181580	98.80	10
CADMIUM 114	0190801	98.55	49420
CADMIUM 114	0190880	98.55	321
CADMIUM 114	0190881	98.55	11000
CADMIUM 114	0190885	98.55	10000
CADMIUM 116	0142040	97.20	75
CADMIUM 116	0142080	97.20	298
CADMIUM 116	0155970	97.22	4120
CADMIUM 116	0155980	97.22	42

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
CADMIUM 116	0155990	96.85	14978
CADMIUM 116	0174540	98.07	67
CADMIUM 116	0174580	98.07	12100

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
CALCIUM-40	0061301	99.98	128
CALCIUM-40	0085501	99.87	188326
CALCIUM-40	0107701	99.97	2398
CALCIUM-40	0118702	99.96	64353
CALCIUM-40	0118742	99.96	6790
CALCIUM-40	0118770	99.97	10975
CALCIUM-40	0118771	99.97	8892
CALCIUM-40	0118772	99.96	41210
CALCIUM-40	0139501	99.98	62988
CALCIUM-42	0132801	94.54	998
CALCIUM-42	0136201	93.70	926
CALCIUM-42	0136240	93.70	1751
CALCIUM-42	0139626	93.65	8103
CALCIUM-42	0139640	94.42	80
CALCIUM-42	0139690	94.42	2353
CALCIUM-42	0147701	93.65	1077
CALCIUM-42	0147726	93.71	50170
CALCIUM-42	0147740	93.71	4735
CALCIUM-42	0147790	93.19	3032
CALCIUM-43	0006701	74.00	55
CALCIUM-43	0006790	74.00	168
CALCIUM-43	0132901	70.54	3093
CALCIUM-43	0136326	61.63	1972
CALCIUM-43	0136340	61.63	50
CALCIUM-43	0139701	81.12	7479
CALCIUM-43	0169101	83.73	7629
CALCIUM-43	0192601	79.98	792
CALCIUM-44	0006890	98.56	16
CALCIUM-44	0133001	98.55	942
CALCIUM-44	0133040	98.55	100
CALCIUM-44	0136401	98.60	11615
CALCIUM-44	0139826	98.44	95635
CALCIUM-44	0147926	98.59	112652
CALCIUM-46 REG,HIGH R	0136503	31.70	24
CALCIUM-46 REG,HIGH R	0136504	32.10	71
CALCIUM-46 REG,HIGH R	0201502	27.90	69
CALCIUM-48	0140090	95.99	9396
CALCIUM-48	0163001	97.73	143
CALCIUM-48	0169401	96.78	38
CALCIUM-48	0192926	97.27	2000
CALCIUM-48	0192940	97.27	575
CALCIUM-48	0201601	97.47	1700
CALCIUM-48	0900240	90.81	1245
CALCIUM-48	0900291	90.81	9969

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
CARBON-12	0063891	99.94	7457

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
CERIUM - 136	0177202	34.81	600
CERIUM - 136	0177203	21.70	4928
CERIUM 138	0156601	14.32	14430
CERIUM 138	0177301	26.00	2050
CERIUM 138	0177302	17.61	2782
CERIUM 140	0156701	99.70	500000
CERIUM 140	0156770	99.70	10144
CERIUM 142	0156801	92.77	87394
CERIUM 142	0177501	92.11	60962

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
CHLORINE 35	0125402	99.73	13133
CHLORINE 35	0150301	99.90	22203
CHLORINE 35	0160403	99.10	76466
CHLORINE 35	0198401	99.35	20000
CHLORINE 37	0160502	90.36	12098
CHLORINE 37	0160540	96.05	24
CHLORINE 37	0160541	90.36	178
CHLORINE 37	0198501	98.21	10163
CHLORINE 37	0198502	95.20	16903

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
CHROMIUM 50	0083680	93.86	24
CHROMIUM 50	0103380	90.40	23
CHROMIUM 50	0103390	90.12	362
CHROMIUM 50	0144901	95.90	29820
CHROMIUM 50	0176801	96.80	4938
CHROMIUM 50	0176830	88.05	110
CHROMIUM 50	0204401	96.40	17055
CHROMIUM 52	0083701	99.74	50574
CHROMIUM 52	0145001	99.87	50765
CHROMIUM 52	0145002	99.83	200000
CHROMIUM 52	0145040	99.87	5022
CHROMIUM 52	0145090	99.84	34559
CHROMIUM 52	0204501	99.90	3000
CHROMIUM 53	0103526	95.56	38434
CHROMIUM 53	0103540	95.30	86
CHROMIUM 53	0103590	95.74	2067
CHROMIUM 53	0145101	96.40	91301
CHROMIUM 53	0145140	96.40	1061
CHROMIUM 53	0204601	96.98	1127
CHROMIUM 54	0087180	94.35	6
CHROMIUM 54	0145201	94.10	21124
CHROMIUM 54	0145280	94.10	25
CHROMIUM 54	0177101	95.40	13644
CHROMIUM 54	0204701	94.13	12433

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
COPPER 63	0106426	99.67	7613
COPPER 63	0106440	99.67	15
COPPER 63	0138902	99.88	132237
COPPER 63	0138903	99.73	89377
COPPER 63	0138940	99.88	386
COPPER 63	0138970	99.86	52000
COPPER 63	0138971	99.86	25764
COPPER 63	0138972	99.88	63794
COPPER 63	0138980	99.43	57996
COPPER 63	0138981	99.88	97500
COPPER 63	0165601	99.89	29896
COPPER 65	0139026	99.70	65
COPPER 65	0139040	99.70	1395
COPPER 65	0139070	99.70	50118
COPPER 65	0139086	99.70	55832
COPPER 65	0139090	99.47	7269
COPPER 65	0139091	99.62	56299
COPPER 65	0165701	99.69	216000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
DYSPROSIUM 156	0121901	20.90	360
DYSPROSIUM 156	0171102	21.59	735
DYSPROSIUM 158	0122001	23.78	637
DYSPROSIUM 158	0171202	32.80	116
DYSPROSIUM 158	0171203	20.80	1693
DYSPROSIUM 160	0171303	69.49	13000
DYSPROSIUM 161	0171401	95.94	77443
DYSPROSIUM 161	0171402	90.41	18397
DYSPROSIUM 161	0171440	95.94	1200
DYSPROSIUM 162	0171501	96.26	100000
DYSPROSIUM 162	0171502	92.39	51993
DYSPROSIUM 163	0171601	96.85	58459
DYSPROSIUM 163	0171690	92.98	76051
DYSPROSIUM 164	0171701	98.43	22129
DYSPROSIUM 164	0171702	95.68	119544

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
ERBIUM 162	0137101	20.40	3534
ERBIUM 162	0173101	34.31	527
ERBIUM 162	0173102	27.33	2431
ERBIUM 164	0137201	62.70	14958
ERBIUM 164	0137291	62.75	868
ERBIUM 164	0173201	73.60	3500
ERBIUM 164	0173202	67.19	10849
ERBIUM 166	0137340	94.90	103
ERBIUM 166	0140801	99.97	520
ERBIUM 166	0140840	99.97	677
ERBIUM 166	0173301	96.24	162208
ERBIUM 167	0173401	91.54	153920
ERBIUM 168	0140901	99.98	1190
ERBIUM 168	0173501	97.69	38926
ERBIUM 168	0173502	95.47	205126
ERBIUM 170	0104440	96.06	215
ERBIUM 170	0137601	96.06	86605
ERBIUM 170	0173601	96.89	75474

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
EUROPIUM 151	0092601	91.90	7808
EUROPIUM 151	0151801	96.83	38000
EUROPIUM 151	0151830	93.41	5431
EUROPIUM 151	0151861	96.83	87887
EUROPIUM 153	0092701	94.85	6226
EUROPIUM 153	0151901	98.76	42837
EUROPIUM 153	0151940	98.76	2868
EUROPIUM 153	0151960	98.76	95887

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
GADOLINIUM 152	0160603	42.77	1000
GADOLINIUM 152	0160604	32.23	3300
GADOLINIUM 154	0160702	66.53	30148
GADOLINIUM 154	0180102	98.27	36
GADOLINIUM 155	0109301	94.40	2435
GADOLINIUM 155	0160801	91.77	35735
GADOLINIUM 155	0160890	91.61	218
GADOLINIUM 155	0181901	90.53	16807
GADOLINIUM 155	0181902	84.39	26047
GADOLINIUM 155	0182401	99.82	1600
GADOLINIUM 156	0109401	97.01	8
GADOLINIUM 156	0109402	95.25	37
GADOLINIUM 156	0109460	95.25	9967
GADOLINIUM 156	0133601	99.82	700
GADOLINIUM 156	0160901	93.58	112000
GADOLINIUM 157	0109501	93.70	6551
GADOLINIUM 157	0109540	93.70	150
GADOLINIUM 157	0161001	88.63	98924
GADOLINIUM 157	0161040	88.63	130
GADOLINIUM 157	0182101	90.96	14030
GADOLINIUM 157	0182102	87.43	44583
GADOLINIUM 157	0182140	90.96	5000
GADOLINIUM 158	0080301	92.50	2919
GADOLINIUM 158	0109690	97.58	915
GADOLINIUM 158	0129101	92.00	9578
GADOLINIUM 158	0129140	92.00	2490
GADOLINIUM 158	0161101	95.81	159923
GADOLINIUM 158	0161140	95.81	2130
GADOLINIUM 160	0161201	97.86	34000
GADOLINIUM 160	0161204	95.95	40790
GADOLINIUM 160	0161241	97.86	1190
GADOLINIUM 160	0182301	98.10	50000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
GALLIUM 69	0121201	99.83	19968
GALLIUM 69	0121270	99.77	4740
GALLIUM 69	0149501	99.75	16630
GALLIUM 69	0149540	99.75	116
GALLIUM 69	0182601	99.46	27000
GALLIUM 71	0121301	99.80	3118
GALLIUM 71	0121340	99.80	100
GALLIUM 71	0149601	99.61	4396
GALLIUM 71	0149670	99.61	5885
GALLIUM 71	0182701	99.26	57000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
GERMANIUM-70	0074740	91.38	26
GERMANIUM-70	0156003	84.62	72058
GERMANIUM-70	0156040	84.62	792
GERMANIUM-70	0198601	98.45	18000
GERMANIUM-72	0093901	96.23	543
GERMANIUM-72	0093940	96.23	490
GERMANIUM-72	0113601	96.40	295
GERMANIUM-72	0156101	98.71	4869
GERMANIUM-72	0156102	97.86	9138
GERMANIUM-72	0156103	90.88	200852
GERMANIUM-72	0156140	90.88	7
GERMANIUM-72	0198701	97.85	52000
GERMANIUM-73	0093201	90.70	394
GERMANIUM-73	0198801	94.50	11000
GERMANIUM-74	0094180	97.70	1870
GERMANIUM-74	0156301	98.44	4388
GERMANIUM-74	0198901	98.90	53000
GERMANIUM-76	0199001	92.82	9000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
HAFNIUM-174	0132101	12.08	550
HAFNIUM-174	0158701	21.47	240
HAFNIUM-174	0158702	6.67	938
HAFNIUM-174	0183201	19.01	73
HAFNIUM-174	0183202	7.87	578
HAFNIUM-176	0132201	68.70	8858
HAFNIUM-176	0158801	77.49	46
HAFNIUM-176	0158890	76.96	3129
HAFNIUM-176	0183301	72.17	836
HAFNIUM-176	0183302	63.88	1944
HAFNIUM-176	0183340	64.02	5590
HAFNIUM-177	0132301	84.52	59
HAFNIUM-177	0158901	91.67	4600
HAFNIUM-177	0158940	91.67	2500
HAFNIUM-177	0158981	91.67	2000
HAFNIUM-177	0158990	91.05	2006
HAFNIUM-177	0158991	91.07	1558
HAFNIUM-177	0183401	86.49	10122
HAFNIUM-177	0183440	86.49	51448
HAFNIUM-178	0132401	89.14	65442
HAFNIUM-178	0132460	89.14	14341
HAFNIUM-178	0132480	89.14	197
HAFNIUM-178	0159001	94.72	8000
HAFNIUM-178	0159081	94.72	4500
HAFNIUM-178	0159090	94.59	7123
HAFNIUM-178	0159091	94.41	1617
HAFNIUM-179	0159101	86.98	3433
HAFNIUM-179	0183601	81.85	8217
HAFNIUM-179	0183640	81.85	40558
HAFNIUM-180	0132601	93.89	59420
HAFNIUM-180	0159201	98.21	1465
HAFNIUM-180	0159290	98.28	7946
HAFNIUM-180	0159291	97.91	1282
HAFNIUM-180	0183740	93.86	29865

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
INDIUM-113	0115801	96.36	2401
INDIUM-113	0115870	96.36	61
INDIUM-115	0035501	99.90	14437
INDIUM-115	0059526	99.94	66282
INDIUM-115	0115901	99.99	145000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
IRIDIUM-191	0188601	98.17	50998
IRIDIUM-193	0188701	99.45	88600

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
IRON-54	0119390	97.59	41683
IRON-54	0137740	97.40	64
IRON-54	0137790	97.08	5942
IRON-54	0154826	97.12	166233
IRON-54	0154840	97.12	44
IRON-54	0154890	95.49	7089
IRON-54	0166601	97.69	47600
IRON-54	0166670	97.61	7128
IRON-54	0166680	97.61	4755
IRON-54	0166690	97.61	53117
IRON-54	0200270	97.23	71601
IRON-56	0085201	99.70	9568
IRON-56	0085240	99.70	36
IRON-56	0085280	99.70	2016
IRON-56	0154901	99.93	134965
IRON-56	0154902	99.85	756923
IRON-56	0154980	99.93	19035
IRON-57	0119580	90.86	98
IRON-57	0137940	92.80	200
IRON-57	0155001	93.63	2498
IRON-57	0155091	93.63	7113
IRON-57	0166802	90.42	26362
IRON-57	0166840	92.36	13
IRON-57	0166890	93.38	20271
IRON-57	0177826	87.64	233118
IRON-57	0177880	87.39	19696
IRON-57	0177890	82.19	4759
IRON-58	0119640	76.66	67
IRON-58	0155140	82.12	8
IRON-58	0155170	89.12	3115
IRON-58	0155180	82.12	1771
IRON-58	0155190	81.96	77
IRON-58	0166901	82.48	1418
IRON-58	0166940	82.48	30
IRON-58	0177901	73.26	13941
IRON-58	0177902	65.09	17879
IRON-58	0177904	65.05	1961
IRON-58	0200501	76.54	2822

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
LANTHANUM-138	0000102	7.86	74
LANTHANUM-138	0134701	7.03	1667
LANTHANUM-139	0082401	99.99	21000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
LEAD-204	0116701	73.80	1924
LEAD-204	0116740	73.80	1200
LEAD-204	0116790	73.60	2467
LEAD-204	0142140	73.30	63
LEAD-204	0142180	73.30	172
LEAD-204	0162170	71.41	96791
LEAD-204	0162180	71.41	1816
LEAD-204	0165501	99.73	10882
LEAD-204	0165530	94.29	6
LEAD-204	0165540	89.24	15
LEAD-204	0165541	99.73	3063
LEAD-206	0118640	99.80	1597
LEAD-206	0118670	99.80	47079
LEAD-206	0118671	99.38	84749
LEAD-206	0118685	99.77	16621
LEAD-206	0118692	99.46	365
LEAD-206	0121140	99.97	42
LEAD-206	0176001	99.98	10927
LEAD-207	0116960	92.85	41388
LEAD-207	0116971	92.77	163681
LEAD-207	0116980	92.85	138766
LEAD-207	0116981	92.77	1612
LEAD-207	0142301	92.40	115334
LEAD-207	0142340	92.40	1691
LEAD-207	0142370	92.40	117812
LEAD-207	0142371	92.40	135563
LEAD-207	0142372	84.83	97884
LEAD-208	0118570	99.75	67094
LEAD-208	0118571	99.75	27570
LEAD-208	0118572	99.75	32103
LEAD-208	0118575	99.75	13290
LEAD-208	0118580	99.75	85016
LEAD-208	0162402	99.14	260179
LEAD-208	0162403	98.69	1050876
LEAD-208	0162470	99.14	40710
LEAD-208	0162471	99.06	45694

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
LITHIUM-6	0088501	99.99	11000
LITHIUM-7	0088801	99.99	9591

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
LUTETIUM-175	0108340	99.87	404
LUTETIUM-175	0129301	99.92	171016
LUTETIUM-175	0129340	99.92	5200
LUTETIUM-176	0129490	72.46	816

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
MAGNESIUM-24	0108826	99.94	9801
MAGNESIUM-24	0108840	99.94	670
MAGNESIUM-24	0158401	99.92	179982
MAGNESIUM-25	0125701	99.49	1673
MAGNESIUM-25	0125740	99.49	292
MAGNESIUM-25	0146840	99.21	306
MAGNESIUM-25	0146890	99.21	37
MAGNESIUM-25	0158501	97.87	15499
MAGNESIUM-25	0158540	97.87	1050
MAGNESIUM-25	0172601	98.25	69361
MAGNESIUM-26	0158602	99.70	10954
MAGNESIUM-26	0172702	98.79	1756
MAGNESIUM-26	0172770	99.46	20287
MAGNESIUM-26	0172771	99.46	61086

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
MERCURY-196	0168201	73.16	121
MERCURY-196	0184702	25.18	1129
MERCURY-196	0184703	19.28	397
MERCURY-196	0184704	13.94	264
MERCURY-196	0197701	20.99	237
MERCURY-196	0203202	31.84	88
MERCURY-198	0180301	92.69	1368
MERCURY-198	0180302	82.12	3462
MERCURY-199	0168401	91.48	2500
MERCURY-199	0203402	85.34	15207
MERCURY-200	0185001	95.74	8908
MERCURY-200	0185002	93.33	11623
MERCURY-200	0185003	88.07	2079
MERCURY-201	0168601	81.53	3315
MERCURY-201	0176501	95.56	2136
MERCURY-201	0176502	92.34	6196
MERCURY-201	0176506	98.11	448
MERCURY-201	0180601	96.45	2974
MERCURY-201	0180602	93.08	2034
MERCURY-201	0185101	92.02	3500
MERCURY-201	0185102	83.19	25995
MERCURY-202	0153703	97.58	2348
MERCURY-204	0153807	84.03	138
MERCURY-204	0153809	92.64	290

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
MOLYBDENUM-92	0159302	97.37	127021
MOLYBDENUM-92	0159342	97.37	26169
MOLYBDENUM-92	0159370	97.37	27542
MOLYBDENUM-94	0134101	93.90	1382
MOLYBDENUM-94	0134140	93.90	7435
MOLYBDENUM-94	0134180	93.90	1180
MOLYBDENUM-94	0134191	93.70	2987
MOLYBDENUM-94	0159470	92.03	62399
MOLYBDENUM-94	0159490	91.59	113050
MOLYBDENUM-95	0134240	96.80	4395
MOLYBDENUM-95	0134280	96.80	778
MOLYBDENUM-95	0159501	96.47	198610
MOLYBDENUM-96	0134326	96.44	127565
MOLYBDENUM-96	0134370	96.44	59633
MOLYBDENUM-96	0134380	96.80	491
MOLYBDENUM-96	0134390	96.80	700
MOLYBDENUM-96	0159601	96.76	23657
MOLYBDENUM-96	0159690	96.69	188000
MOLYBDENUM-96	0187701	93.48	200000
MOLYBDENUM-97	0134440	92.80	3778
MOLYBDENUM-97	0134480	92.80	392
MOLYBDENUM-97	0159701	94.25	47364
MOLYBDENUM-97	0159790	92.44	43525
MOLYBDENUM-98	0134501	98.30	8577
MOLYBDENUM-98	0134570	98.30	66446
MOLYBDENUM-98	0134590	98.38	29911
MOLYBDENUM-98	0159840	98.78	1010
MOLYBDENUM-98	0170301	97.63	19310
MOLYBDENUM-98	0170390	97.27	4411
MOLYBDENUM-98	0187901	97.23	326
MOLYBDENUM-98	0187905	96.87	82000
MOLYBDENUM-100	0134640	95.90	5737
MOLYBDENUM-100	0134670	95.90	65590
MOLYBDENUM-100	0134680	95.90	360
MOLYBDENUM-100	0159901	97.42	8386
MOLYBDENUM-100	0159991	97.39	195689

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
NEODYMIUM-142	0135101	96.24	118552
NEODYMIUM-142	0135140	96.24	473
NEODYMIUM-142	0135190	96.10	12568
NEODYMIUM-142	0161302	97.55	9000
NEODYMIUM-142	0161341	97.55	172
NEODYMIUM-142	0161360	97.55	44921
NEODYMIUM-143	0161401	91.06	18110
NEODYMIUM-143	0161440	91.06	503
NEODYMIUM-143	0161491	90.85	10482
NEODYMIUM-143	0179501	91.68	113695
NEODYMIUM-144	0161501	97.51	2943
NEODYMIUM-144	0161502	97.51	56912
NEODYMIUM-145	0112240	90.06	500
NEODYMIUM-145	0112241	90.57	395
NEODYMIUM-145	0161601	91.82	22899
NEODYMIUM-145	0161602	86.67	10444
NEODYMIUM-145	0161690	91.58	1186
NEODYMIUM-145	0179701	89.67	72000
NEODYMIUM-146	0135501	94.50	82458
NEODYMIUM-146	0161701	97.46	35800
NEODYMIUM-148	0161801	95.44	3978
NEODYMIUM-148	0161802	93.31	564
NEODYMIUM-148	0161841	95.44	1134
NEODYMIUM-148	0161890	93.11	1326
NEODYMIUM-148	0179901	94.07	60952
NEODYMIUM-150	0135701	92.50	46388
NEODYMIUM-150	0161940	94.75	144
NEODYMIUM-150	0161990	97.25	1142
NEODYMIUM-150	0180001	97.84	4951
NEODYMIUM-150	0180002	96.13	27864
NEODYMIUM-150	0180090	97.53	2055

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
NICKEL-58	0121426	99.89	179613
NICKEL-58	0121470	99.89	192698
NICKEL-58	0129570	99.93	53327
NICKEL-58	0175301	99.92	173518
NICKEL-58	0175370	99.76	44334
NICKEL-60	0121501	99.81	74008
NICKEL-60	0145801	99.79	148180
NICKEL-60	0145826	99.72	565650
NICKEL-60	0145840	99.79	1400
NICKEL-60	0145871	99.79	53532
NICKEL-60	0145873	99.79	44823
NICKEL-60	0145891	99.79	8863
NICKEL-60	0158070	99.62	57434
NICKEL-60	0204001	99.07	102020
NICKEL-61	0127890	99.44	3279
NICKEL-61	0129740	92.39	23
NICKEL-61	0145901	92.11	24663
NICKEL-61	0145940	92.11	48
NICKEL-61	0158101	91.78	25306
NICKEL-61	0175501	92.92	7
NICKEL-61	0175502	90.40	3009
NICKEL-61	0175540	92.92	80
NICKEL-61	0175590	91.36	10859
NICKEL-61	0175591	93.07	13376
NICKEL-61	0195501	88.84	5356
NICKEL-61	0199301	84.24	11960
NICKEL-61	0204101	86.44	2052
NICKEL-62	0146001	99.06	50005
NICKEL-62	0146090	98.95	33743
NICKEL-62	0158202	98.75	30000
NICKEL-62	0158230	95.57	1444
NICKEL-62	0195601	97.94	7957
NICKEL-62	0204201	96.64	2509
NICKEL-64	0128090	99.81	3941
NICKEL-64	0146190	98.02	1514
NICKEL-64	0158301	97.92	6275
NICKEL-64	0158340	97.92	435
NICKEL-64	0158370	97.92	207
NICKEL-64	0175701	97.93	18747
NICKEL-64	0195701	96.48	252
NICKEL-64	0195702	92.41	1566
NICKEL-64	0199501	92.16	5000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
OSMIUM-184	0189301	5.45	500
OSMIUM-186	0189401	78.39	2900
OSMIUM-187	0189501	70.38	2000
OSMIUM-188	0189602	94.47	21486
OSMIUM-189	0117901	87.30	2433
OSMIUM-189	0189702	94.51	29751
OSMIUM-190	0118001	95.46	896
OSMIUM-190	0189802	97.80	44886
OSMIUM-192	0189902	99.06	75620

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
PALLADIUM-102	0191001	77.89	1996
PALLADIUM-104	0191101	95.25	18989
PALLADIUM-105	0164940	94.51	12
PALLADIUM-105	0164990	94.12	9435
PALLADIUM-105	0191201	97.38	41017
PALLADIUM-105	0191230	90.53	3053
PALLADIUM-106	0165001	96.66	1219
PALLADIUM-106	0165040	96.66	338
PALLADIUM-106	0165090	96.61	10008
PALLADIUM-106	0191301	98.48	46055
PALLADIUM-108	0165101	98.11	7167
PALLADIUM-108	0165126	98.52	412
PALLADIUM-108	0165141	98.11	17
PALLADIUM-108	0191401	98.88	53049
PALLADIUM-110	0191501	97.73	20437

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
PLATINUM-190	0186001	4.19	160
PLATINUM-192	0186101	57.30	1000
PLATINUM-194	0186202	97.41	43956
PLATINUM-195	0186301	97.28	51859
PLATINUM-196	0186401	97.51	29540
PLATINUM-198	0186501	95.83	4973

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
POTASSIUM-39	0062107	99.96	18010
POTASSIUM-39	0107440	99.97	400
POTASSIUM-39	0123902	99.92	3605
POTASSIUM-39	0148201	99.96	35954
POTASSIUM-41	0149401	99.18	9771
POTASSIUM-41	0149440	99.18	85
POTASSIUM-41	0149481	99.18	5
POTASSIUM-41	0149490	99.17	30014

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
RHENIUM-185	0096501	96.80	1016
RHENIUM-185	0134901	96.66	13474
RHENIUM-185	0178201	96.25	59291
RHENIUM-187	0096601	98.80	1584
RHENIUM-187	0135001	99.22	23367
RHENIUM-187	0178301	99.22	70415
RHENIUM-187	0178302	96.91	54460

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
RUBIDIUM-85	0144701	99.85	38141
RUBIDIUM-85	0164201	99.78	55000
RUBIDIUM-87	0190101	98.00	109000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
RUTHENIUM-98	0148601	89.00	436
RUTHENIUM-98	0193101	89.34	400
RUTHENIUM-99	0193201	98.11	1587
RUTHENIUM-100	0148890	97.42	1000
RUTHENIUM-100	0193301	97.55	3298
RUTHENIUM-101	0148901	97.73	2159
RUTHENIUM-101	0148990	96.07	2420
RUTHENIUM-101	0193401	97.82	3982
RUTHENIUM-102	0149002	99.53	9752
RUTHENIUM-102	0193501	99.35	6969
RUTHENIUM-104	0149190	98.97	1916
RUTHENIUM-104	0149191	99.15	780
RUTHENIUM-104	0193601	99.35	3378

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
SAMARIUM-144	0167061	85.57	15270
SAMARIUM-144	0167090	96.47	7130
SAMARIUM-147	0127001	97.75	4896
SAMARIUM-147	0127026	97.93	6871
SAMARIUM-147	0127040	97.93	650
SAMARIUM-147	0167101	98.34	134065
SAMARIUM-148	0114401	96.06	7756
SAMARIUM-148	0127102	95.37	5131
SAMARIUM-148	0127140	95.37	915
SAMARIUM-148	0130901	99.94	1613
SAMARIUM-148	0167201	96.40	41000
SAMARIUM-148	0167290	96.49	78303
SAMARIUM-149	0127201	97.60	15873
SAMARIUM-149	0167301	97.72	132624
SAMARIUM-150	0114602	94.74	3237
SAMARIUM-150	0127340	95.10	91
SAMARIUM-150	0130401	99.97	358
SAMARIUM-150	0130430	99.78	26
SAMARIUM-150	0130490	99.93	1000
SAMARIUM-150	0167401	95.48	60436
SAMARIUM-150	0167440	95.48	603
SAMARIUM-152	0114701	99.06	7170
SAMARIUM-152	0127440	99.15	1110
SAMARIUM-152	0167601	99.49	971
SAMARIUM-152	0167602	98.29	34699
SAMARIUM-152	0167690	99.47	75000
SAMARIUM-154	0167703	98.69	105106
SAMARIUM-154	0167783	98.69	45475

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
SELENIUM-76	0185501	96.88	39959
SELENIUM-77	0185601	94.38	32000
SELENIUM-77	0185690	94.38	1660
SELENIUM-77	0199801	91.77	2378
SELENIUM-78	0185701	98.58	60000
SELENIUM-80	0185801	99.45	80000
SELENIUM-82	0147502	87.80	1821
SELENIUM-82	0147590	88.56	1878
SELENIUM-82	0185901	96.66	38513
SELENIUM-82	0195201	96.66	2970

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
SILICON-28	0143204	99.84	52000
SILICON-28	0143205	99.89	130000
SILICON-28	0143243	99.86	10403
SILICON-29	0143301	95.28	95851
SILICON-30	0136001	91.60	1204
SILICON-30	0141201	91.00	602
SILICON-30	0141202	89.12	50
SILICON-30	0143401	95.55	57146

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
SILVER-107	0093640	98.54	148
SILVER-107	0165301	98.22	66000
SILVER-109	0165401	99.26	10000
SILVER-109	0165460	99.32	89888

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
STRONTIUM-84	0153901	75.60	2
STRONTIUM-84	0163101	82.24	11603
STRONTIUM-84	0163102	76.20	2
STRONTIUM-84	0182801	80.53	12770
STRONTIUM-84	0182802	74.93	3927
STRONTIUM-86	0136826	96.89	99800
STRONTIUM-86	0154001	95.73	2000
STRONTIUM-87	0136901	91.15	7980
STRONTIUM-87	0136926	91.10	51774
STRONTIUM-87	0154101	85.95	128365
STRONTIUM-87	0163341	87.76	3360
STRONTIUM-87	0163385	87.76	160032
STRONTIUM-88	0137001	99.84	205502
STRONTIUM-88	0137070	99.84	24441

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
SULFUR-32	0090201	99.10	1951
SULFUR-32	0143501	99.14	199480
SULFUR-32	0149901	99.86	37934
SULFUR-33	0167926	88.21	979
SULFUR-34	0150101	85.61	658
SULFUR-34	0150185	85.61	14
SULFUR-34	0168002	90.00	335
SULFUR-34	0168090	94.33	7944
SULFUR-36	0076001	2.40	23
SULFUR-36	0090501	2.00	8
SULFUR-36	0143801	1.50	380
SULFUR-36	0160301	2.88	99
SULFUR-36	0160302	1.93	308

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
TANTALUM-180	0139301	5.10	25
TANTALUM-180	0139360	5.47	164

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
TELLURIUM-120	0165801	55.98	1088
TELLURIUM-120	0186601	38.13	439
TELLURIUM-120	0191601	51.38	1000
TELLURIUM-120	0191602	38.63	563
TELLURIUM-123	0191801	85.40	6800
TELLURIUM-123	0191802	76.67	22378
TELLURIUM-124	0191902	93.75	20110
TELLURIUM-125	0138590	94.40	8829
TELLURIUM-125	0150940	95.56	187
TELLURIUM-125	0166201	95.45	71798
TELLURIUM-125	0192001	95.67	20597
TELLURIUM-126	0151001	98.69	14370
TELLURIUM-126	0166301	98.36	81855
TELLURIUM-128	0138701	99.16	31098
TELLURIUM-128	0138790	99.05	7271
TELLURIUM-128	0151101	99.46	113293
TELLURIUM-128	0151140	99.46	34
TELLURIUM-128	0166401	99.19	65000
TELLURIUM-130	0138801	99.50	45057
TELLURIUM-130	0151201	99.49	132561

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
THALLIUM-203	0000101	99.26	1036
THALLIUM-203	0197501	92.36	24292
THALLIUM-205	0095901	99.00	50874
THALLIUM-205	0152102	99.46	638273
THALLIUM-205	0152190	99.46	199727

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
TIN-112	0196503	68.51	185
TIN-112	0196570	68.51	6108
TIN-112	0196580	68.51	52
TIN-114	0100001	60.10	532
TIN-114	0126001	56.85	2715
TIN-114	0152301	60.65	2947
TIN-114	0152330	51.65	1119
TIN-114	0152370	60.65	902
TIN-114	0152380	60.65	626
TIN-114	0152381	51.65	77
TIN-114	0178501	64.12	18036
TIN-114	0193801	69.20	1482
TIN-115	0126101	40.20	140
TIN-115	0152401	30.02	2800
TIN-115	0178601	32.72	6715
TIN-115	0178602	26.79	8317
TIN-115	0178603	19.95	2196
TIN-115	0178680	26.29	60
TIN-115	0193930	27.49	194
TIN-115	0196701	25.32	7065
TIN-115	0196702	17.96	22284
TIN-115	0900801	97.33	13
TIN-116	0126201	95.74	75669
TIN-116	0126270	95.74	50020
TIN-116	0126280	95.74	214
TIN-116	0126290	95.74	76
TIN-116	0152501	95.60	14000
TIN-117	0100301	85.40	2202
TIN-117	0100380	85.40	2331
TIN-117	0126370	89.20	29242
TIN-117	0126390	89.20	643
TIN-117	0178870	84.23	55264
TIN-117	0178880	84.23	3370
TIN-118	0000101	99.97	769
TIN-118	0126402	97.15	53029
TIN-118	0126426	97.06	22476
TIN-118	0126440	97.15	692
TIN-118	0126470	97.15	64701
TIN-118	0126471	97.06	918
TIN-118	0126472	97.06	19786
TIN-118	0126473	97.06	37670
TIN-118	0194201	97.79	537
TIN-118	0194202	97.07	34479
TIN-119	0126501	89.80	65253

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
TIN-119	0126540	89.80	713
TIN-119	0126580	89.80	5880
TIN-119	0179001	84.48	28169
TIN-120	0126601	98.39	8311
TIN-120	0126670	98.39	44975
TIN-120	0126671	98.56	39868
TIN-120	0126672	98.56	131333
TIN-120	0126673	98.39	37375
TIN-120	0126680	98.56	11342
TIN-120	0126681	98.39	58472
TIN-122	0126770	90.80	33117
TIN-122	0179201	92.20	61000
TIN-124	0126870	93.28	59537
TIN-124	0179301	96.96	10000
TIN-124	0197401	96.32	3000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
TITANIUM-46	0075226	82.40	1304
TITANIUM-46	0102890	85.90	9412
TITANIUM-46	0131401	77.10	5820
TITANIUM-46	0131440	77.10	2146
TITANIUM-46	0151301	81.20	1200
TITANIUM-46	0151302	73.30	66707
TITANIUM-47	0102926	82.80	13408
TITANIUM-47	0131501	80.10	1428
TITANIUM-47	0131590	80.10	2773
TITANIUM-47	0131591	80.30	346
TITANIUM-47	0151401	79.50	33000
TITANIUM-48	0075441	99.25	2507
TITANIUM-48	0075480	99.25	1470
TITANIUM-48	0075490	99.14	4146
TITANIUM-48	0092301	99.10	2336
TITANIUM-48	0092370	99.10	1942
TITANIUM-48	0092390	99.24	14711
TITANIUM-48	0103001	99.36	132344
TITANIUM-48	0103070	99.36	2222
TITANIUM-48	0131601	99.13	141
TITANIUM-48	0151501	99.65	3767
TITANIUM-49	0075501	79.40	12
TITANIUM-49	0131740	75.70	1998
TITANIUM-49	0151601	81.61	2075
TITANIUM-49	0151602	66.36	2129
TITANIUM-49	0151603	76.14	508
TITANIUM-49	0151627	76.57	4748
TITANIUM-49	0151640	81.61	2787
TITANIUM-49	0151641	76.14	2690
TITANIUM-49	0151680	76.10	743
TITANIUM-49	0151690	76.27	7002
TITANIUM-49	0151691	67.58	19888
TITANIUM-49	0151692	67.78	14824
TITANIUM-50	0103201	83.20	4073
TITANIUM-50	0103270	83.20	2031
TITANIUM-50	0131801	69.70	1096
TITANIUM-50	0131880	69.70	187
TITANIUM-50	0151702	67.72	12994
TITANIUM-50	0151726	68.35	2108

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
TUNGSTEN-180	0030001	7.30	1037
TUNGSTEN-180	0056190	6.93	9
TUNGSTEN-180	0093101	6.60	514
TUNGSTEN-180	0128101	11.35	104
TUNGSTEN-180	0128102	6.93	8793
TUNGSTEN-180	0154301	8.76	5000
TUNGSTEN-180	0154302	6.02	7268
TUNGSTEN-182	0000001	90.95	532372
TUNGSTEN-182	0000002	94.90	124341
TUNGSTEN-182	0093201	90.70	6723
TUNGSTEN-182	0128240	94.40	117520
TUNGSTEN-182	0128280	94.40	200
TUNGSTEN-183	0000001	70.99	204906
TUNGSTEN-183	0000190	81.68	44734
TUNGSTEN-183	0030101	89.80	9598
TUNGSTEN-183	0056301	82.63	2743
TUNGSTEN-183	0056390	82.60	23
TUNGSTEN-183	0056391	83.00	115
TUNGSTEN-183	0056392	83.00	70
TUNGSTEN-183	0093301	79.40	789
TUNGSTEN-183	0093380	79.40	3207
TUNGSTEN-183	0093390	79.20	4673
TUNGSTEN-183	0128301	82.50	7858
TUNGSTEN-183	0154503	73.68	5302
TUNGSTEN-183	0154560	73.62	9996
TUNGSTEN-184	0000001	80.96	510827
TUNGSTEN-184	0000002	93.88	124082
TUNGSTEN-184	0056401	94.80	616
TUNGSTEN-184	0056480	95.10	240
TUNGSTEN-184	0056490	95.10	25
TUNGSTEN-184	0093401	95.09	3677
TUNGSTEN-184	0093490	94.87	5793
TUNGSTEN-184	0128401	94.30	64475
TUNGSTEN-184	0128480	94.25	700
TUNGSTEN-184	0128481	94.52	61349
TUNGSTEN-186	0000001	96.99	513862
TUNGSTEN-186	0000002	97.66	123109
TUNGSTEN-186	0056501	97.50	5860
TUNGSTEN-186	0093501	97.40	13486
TUNGSTEN-186	0128501	97.23	64560
TUNGSTEN-186	0128590	97.06	28264
TUNGSTEN-186	0128591	96.85	100663

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
YTTERBIUM-168	0163540	18.25	85
YTTERBIUM-168	0195801	33.51	1369
YTTERBIUM-168	0195802	24.13	2006
YTTERBIUM-168	0195803	13.69	2793
YTTERBIUM-170	0105602	64.10	145
YTTERBIUM-170	0124301	85.40	604
YTTERBIUM-170	0124340	85.40	402
YTTERBIUM-170	0140201	67.20	11939
YTTERBIUM-170	0140240	67.20	797
YTTERBIUM-170	0163601	68.50	46170
YTTERBIUM-170	0195901	78.78	18627
YTTERBIUM-170	0195902	66.65	41196
YTTERBIUM-171	0163740	90.60	323
YTTERBIUM-171	0196001	95.07	8285
YTTERBIUM-171	0196002	90.90	300098
YTTERBIUM-172	0105801	95.90	10567
YTTERBIUM-172	0163801	92.76	87147
YTTERBIUM-173	0124601	94.86	3979
YTTERBIUM-173	0124640	95.00	464
YTTERBIUM-173	0124690	95.00	5043
YTTERBIUM-173	0196201	92.08	105753
YTTERBIUM-174	0106001	98.40	7203
YTTERBIUM-174	0140640	95.80	297
YTTERBIUM-174	0164001	96.58	172191
YTTERBIUM-176	0106101	97.50	4909
YTTERBIUM-176	0124801	97.77	1283
YTTERBIUM-176	0140701	96.43	7875
YTTERBIUM-176	0164101	96.68	94000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
VANADIUM-50	0105201	44.10	307

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
ZINC-64	0095101	98.50	802
ZINC-64	0114901	99.85	9427
ZINC-64	0114991	99.42	17
ZINC-64	0123401	99.66	4589
ZINC-64	0123440	99.66	118
ZINC-64	0123470	99.66	9202
ZINC-64	0123480	99.66	2653
ZINC-64	0123490	99.38	27
ZINC-64	0156901	97.87	128371
ZINC-64	0200601	99.69	158
ZINC-66	0115001	98.80	7367
ZINC-66	0115040	98.80	18
ZINC-66	0123501	99.35	4423
ZINC-66	0123560	99.35	19480
ZINC-66	0123580	99.35	7
ZINC-66	0157091	98.22	34000
ZINC-66	0200701	98.69	11325
ZINC-67	0115101	92.50	823
ZINC-67	0157102	89.55	10116
ZINC-67	0157190	89.25	802
ZINC-67	0188301	89.68	37934
ZINC-68	0115240	98.50	208
ZINC-68	0123740	99.30	54
ZINC-68	0123780	99.30	24
ZINC-68	0157201	99.28	10433
ZINC-70	0201002	65.51	6600

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
ZINC-70, SECOND PASS	0202901	99.72	1000

ISOTOPE	SAMPLE	ENRICHMENT	AMOUNT (MG)
ZIRCONIUM-90	0124926	97.66	58755
ZIRCONIUM-90	0157403	97.72	30165
ZIRCONIUM-90	0157440	97.65	10196
ZIRCONIUM-90	0157460	97.80	181217
ZIRCONIUM-90	0157470	97.72	37665
ZIRCONIUM-90	0157471	97.65	20103
ZIRCONIUM-90	0157481	97.65	10181
ZIRCONIUM-90	0188801	99.36	14
ZIRCONIUM-91	0125060	91.11	4895
ZIRCONIUM-91	0157526	89.31	56333
ZIRCONIUM-91	0157540	91.85	556
ZIRCONIUM-91	0157541	88.50	910
ZIRCONIUM-91	0157542	89.20	417
ZIRCONIUM-91	0157570	89.20	30589
ZIRCONIUM-91	0157571	88.50	6590
ZIRCONIUM-91	0157572	88.50	1132
ZIRCONIUM-91	0188901	94.59	20
ZIRCONIUM-92	0157628	95.36	18451
ZIRCONIUM-92	0157640	94.57	11391
ZIRCONIUM-92	0157641	95.13	9316
ZIRCONIUM-92	0157670	95.13	41077
ZIRCONIUM-92	0189001	98.06	49942
ZIRCONIUM-94	0125240	96.93	341
ZIRCONIUM-94	0125241	96.49	16940
ZIRCONIUM-94	0157701	96.07	20000
ZIRCONIUM-94	0157740	96.07	31210
ZIRCONIUM-94	0157770	96.10	9956
ZIRCONIUM-94	0157771	96.07	1207
ZIRCONIUM-94	0189101	98.58	43917
ZIRCONIUM-96	0125302	57.36	9614
ZIRCONIUM-96	0125340	57.36	1026
ZIRCONIUM-96	0157801	85.25	1421
ZIRCONIUM-96	0157802	72.47	2
ZIRCONIUM-96	0157830	57.92	74
ZIRCONIUM-96	0157840	85.25	1185
ZIRCONIUM-96	0157841	72.47	1051
ZIRCONIUM-96	0157891	58.42	10102
ZIRCONIUM-96	0189201	95.63	3557
ZIRCONIUM-96	0189202	91.39	5924