

Elements present in nuclear waste

The following table lists the elements present in nuclear waste, color-coded by their position in the periodic table. The elements are arranged in rows and columns, with their atomic numbers and symbols. The highlighted elements are those present in nuclear waste.

Row	Column	Element	Atomic Number	Present in Nuclear Waste
I	1	H	1	No
I	18	He	2	No
II	1	Li	3	No
II	2	Be	4	No
II	13	B	5	No
II	14	C	6	No
II	15	N	7	No
II	16	O	8	No
II	17	F	9	No
II	18	Ne	10	No
III	1	Na	11	No
III	2	Mg	12	No
III	13	Al	13	No
III	14	Si	14	No
III	15	P	15	No
III	16	S	16	No
III	17	Cl	17	No
III	18	Ar	18	No
IV	1	K	19	No
IV	2	Ca	20	No
IV	3	Sc	21	No
IV	4	Ti	22	No
IV	5	V	23	No
IV	6	Cr	24	No
IV	7	Mn	25	Yes
IV	8	Fe	26	Yes
IV	9	Co	27	Yes
IV	10	Ni	28	Yes
IV	11	Cu	29	Yes
IV	12	Zn	30	Yes
IV	13	Ga	31	Yes
IV	14	Ge	32	Yes
IV	15	As	33	Yes
IV	16	Se	34	Yes
IV	17	Br	35	Yes
IV	18	Kr	36	Yes
V	1	Rb	37	Yes
V	2	Sr	38	Yes
V	3	Y	39	Yes
V	4	Zr	40	Yes
V	5	Nb	41	Yes
V	6	Mo	42	Yes
V	7	Tc	43	Yes
V	8	Ru	44	Yes
V	9	Rh	45	Yes
V	10	Pd	46	Yes
V	11	Ag	47	Yes
V	12	Cd	48	Yes
V	13	In	49	Yes
V	14	Sn	50	Yes
V	15	Sb	51	Yes
V	16	Te	52	Yes
V	17	I	53	Yes
V	18	Xe	54	Yes
VI	1	Cs	55	Yes
VI	2	Ba	56	Yes
VI	3	Lu	71	No
VI	4	Hf	72	No
VI	5	Ta	73	No
VI	6	W	74	No
VI	7	Re	75	No
VI	8	Os	76	No
VI	9	Ir	77	No
VI	10	Pt	78	No
VI	11	Au	79	No
VI	12	Hg	80	No
VI	13	Tl	81	No
VI	14	Pb	82	No
VI	15	Bi	83	No
VI	16	Po	84	No
VI	17	At	85	No
VI	18	Rn	86	No
VII	1	Fr	87	No
VII	2	Ra	88	No
VII	3	Lr	103	No
VII	4	Rf	104	No
VII	5	Db	105	No
VII	6	Sg	106	No
VII	7	Bh	107	No
VII	8	Hs	108	No
VII	9	Mt	109	No
VII	10	Ds	110	No
VII	11	Rg	111	No
VII	12	Cn	112	No
VII	13	Nh	113	No
VII	14	Fl	114	No
VII	15	Mc	115	No
VII	16	Lv	116	No
VII	17	Ts	117	No
VII	18	Og	118	No
La	3	La	57	Yes
La	4	Ce	58	Yes
La	5	Pr	59	Yes
La	6	Nd	60	Yes
La	7	Pm	61	Yes
La	8	Sm	62	Yes
La	9	Eu	63	Yes
La	10	Gd	64	Yes
La	11	Tb	65	Yes
La	12	Dy	66	Yes
La	13	Ho	67	Yes
La	14	Er	68	Yes
La	15	Tm	69	Yes
La	16	Yb	70	No
Ac	3	Ac	89	No
Ac	4	Th	90	No
Ac	5	Pa	91	No
Ac	6	U	92	No
Ac	7	Np	93	No
Ac	8	Pu	94	No
Ac	9	Am	95	No
Ac	10	Cm	96	No
Ac	11	Bk	97	No
Ac	12	Cf	98	No
Ac	13	Es	99	No
Ac	14	Fm	100	No
Ac	15	Md	101	No
Ac	16	No	102	No















