

### Himalayan Salt Spectral Analysis

Element	Ion	Atomic #	Concentration	Method/Source
Hydrogen	H	1	0.30 g/kg	DIN
Lithium	Li	3	0.40 g/kg	AAS
Beryllium	Be	4	<0.01 ppm	AAS
Boron	B	5	<0.001 ppm	FSK
Carbon	C	6	<0.001 ppm	FSK
Nitrogen	N	7	0.024 ppm	ICG
Oxygen	O	8	1.20 g/kg	DIN
Fluoride	F	9	<0.1 g	Potentiometric
Sodium	Na	11	382.61 g/kg	FSM
Magnesium	Mg	12	0.16 g/kg	AAS
Aluminum	Al	13	0.661 ppm	AAS
Silicon	Si	14	<0.1 g	AAS
Phosphorus	P	15	<0.10 ppm	ICG
Sulfur	S	16	12.4 g/kg	TXRF
Chloride	Cl	17	590.93 g/kg	Gravimetric
Potassium	K	19	3.5 g/kg	FSM
Calcium	Ca	20	4.05 g/kg	Titration
Scandium	Sc	21	<0.0001 ppm	FSK
Titanium	Ti	22	<0.001 ppm	FSK
Vanadium	V	23	0.06 ppm	AAS
Chromium	Cr	24	0.05 ppm	AAS
Manganese	Mn	25	0.27 ppm	AAS
Iron	Fe	26	38.9 ppm	AAS
Cobalt	Co	27	0.60 ppm	AAS

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Nickel	Ni	28	0.13 ppm	AAS
Copper	Cu	29	0.56 ppm	AAS
Zinc	Zn	30	2.38 ppm	AAS
Gallium	Ga	31	<0.001 ppm	FSK
Germanium	Ge	32	<0.001 ppm	FSK
Arsenic	As	33	<0.01 ppm	AAS
Selenium	Se	34	0.05 ppm	AAS
Bromine	Br	35	2.1 ppm	TXRF
Rubidium	Rb	37	0.04 ppm	AAS
Strontium	Sr	38	0.014 g/kg	AAS
Ytterbium	Y	39	<0.001 ppm	FSK
Zirconium	Zr	40	<0.001 ppm	FSK
Niobium	Nb	41	<0.001 ppm	FSK
Molybdenum	Mo	42	0.01 ppm	AAS
Technetium	Tc	43	Unstable artificial isotope	N/A
Ruthenium	Ru	44	<0.001 ppm	FSK
Rhodium	Rh	45	<0.001 ppm	FSK
Palladium	Pd	46	<0.001 ppm	FSK
Silver	Ag	47	0.031 ppm	AAS
Cadmium	Cd	48	<0.01 ppm	AAS
Indium	In	49	<0.001 ppm	FSK
Tin	Sn	50	<0.01 ppm	AAS
Antimony	Sb	51	<0.01 ppm	AAS
Tellurium	Te	52	<0.001 ppm	FSK
Iodine	I	53	<0.1 g	Potentiometric
Cesium	Cs	55	<0.001 ppm	FSK
Barium	Ba	56	1.96 ppm	AAS/TXR
Lanthanum	La	57	<0.001 ppm	FSK
Cerium	Ce	58	<0.001 ppm	FSK

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Praseodymium	Pr	59	<0.001 ppm	FSK
Neodymium	Nd	60	<0.001 ppm	FSK
Promethium	Pm	61	Unstable artificial isotope	N/A
Samarium	Sm	62	<0.001 ppm	FSK
Europium	Eu	63	<3.0 ppm	TXRF
Gadolinium	Gd	64	<0.001 ppm	FSK
Terbium	Tb	65	<0.001 ppm	FSK
Dysprosium	Dy	66	<4.0 ppm	TXRF
Holmium	Ho	67	<0.001 ppm	FSK
Erbium	Er	68	<0.001 ppm	FSK
Thulium	Tm	69	<0.001 ppm	FSK
Ytterbium	Yb	70	<0.001 ppm	FSK
Lutetium	Lu	71	<0.001 ppm	FSK
Hafnium	Hf	72	<0.001 ppm	FSK
Tantalum	Ta	73	1.1 ppm	TXRF
Wolfram	W	74	<0.001 ppm	FSK
Rhenium	Re	75	<2.5 ppm	TXRF
Osmium	Os	76	<0.001 ppm	FSK
Iridium	Ir	77	<2.0 ppm	TXRF
Platinum	Pt	78	0.47 ppm	TXRF
Gold	Au	79	<1.0 ppm	TXRF
Mercury	Hg	80	<0.03 ppm	AAS
Thallium	Tl	81	0.06 ppm	AAS
Lead	Pb	82	0.10 ppm	AAS
Bismuth	Bi	83	<0.10 ppm	AAS
Polonium	Po	84	<0.001 ppm	FSK
Astatine	At	85	<0.001 ppm	FSK
Francium	Fr	87	<1.0 ppm	TXRF
Radium	Ra	88	<0.001 ppm	FSK

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Actinium	Ac	89	<0.001 ppm	FSK
Thorium	Th	90	<0.001 ppm	FSK
Protactinium	Pa	91	<0.001 ppm	FSK
Uranium	U	92	<0.001 ppm	FSK
Neptunium	Np	93	<0.001 ppm	FSK
Plutonium	Pu	94	<0.001 ppm	FSK

<https://themeadow.com/pages/minerals-in-himalayan-pink-salt-spectral-analysis>