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Sapphire (Al₂O₃)

CONTENTS OF IMPURITIES

Element	ppm	Element	ppm	Element	ppm	Element	ppm	Element	ppm	Element	ppm
H	ND	S	2	Zn	<0.2	Rh	<0.1	Pr	<0.1	Ta	ND
Li	<0.01	Cl	0.8	Ga	<0.1	Pd	<0.6	Nd	<0.6	W	<0.7
Be	<0.01	K	<0.1	Ge	<0.2	Ag	<0.2	Sm	<0.6	Re	<0.8
B	0.07	Ca	2	As	<0.1	Cd	<0.3	Eu	<0.6	Os	<0.9
C	ND	Sc	0.1	Se	<0.2	In	<0.1	Gd	<0.8	Ir	<0.9
N	ND	Ti	0.1	Br	<0.1	Sn	<0.5	Tb	<0.2	Pt	<0.7
O	Basis	V	<0.05	Rb	<0.1	Sb	<0.3	Dy	<0.6	Au	<0.4
F	1	Cr	<0.1	Sr	<0.2	Te	<0.3	Ho	<0.2	Hg	<0.8
Na	<0.1	Mn	0.2	Y	<0.1	I	<0.05	Er	<0.6	Tl	<0.3
Mg	0.07	Fe	0.5	Zr	<0.1	Cs	<0.1	Tm	<0.2	Pl	<0.6
Al	Basis	Co	<0.05	Nb	<0.4	Ba	<0.1	Yb	<0.6	Bi	<0.3
Si	0.8	Ni	<0.05	Mo	<0.5	La	<0.1	Lu	<0.2	Th	<0.2
P	<0.1	Cu	<0.1	Ru	<0.3	Ce	<0.2	Hf	<0.4	U	<0.2

(1 ppm – 0.0001%)