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TABLE 1. Physical and chemical properties of the gemstones											
Physical properties				Chemical properties							
Color	Crystal system	Hardness	Specific gravity	Formula	Elemental composition	Trace elements	Optical properties	Refractive index	Birefringence	Dispersion	Optical character
Pink	Trigonal	7-8	3.52	Ca ₂ Al ₂ Si ₂ O ₁₀ (F,OH) ₂	Ca, Al, Si, O, F, OH	Fe, Mn, Ti, Cr, V, Nb, Ta, Zr, Hf, Y, Th, U, Pa, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Sc, In, Sn, Pb, Bi, Sb, As, Se, Te, Po, At, Rn, Fr, Ra, Ac, Th, Pa, U, Np, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr	Birefringent	1.545-1.555	0.009-0.010	0.014-0.015	Uniaxial (-)

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