Crystal Data: Monoclinic. *Point Group*: 2. As terminated, thick prismatic to acicular crystals to 8 mm elongated along [010], typically in spray- or bush-like radial clusters or open-work aggregates to 1.5 cm, which form interrupted crusts to 3×5 cm. *Twinning*: By contact on {100} in transmitted light; microtwinning with (100) as an operator (100/010/001) revealed by crystal structure analysis.

Physical Properties: *Cleavage*: Perfect on (001). *Tenacity*: Brittle. *Fracture*: Stepped. Hardness = 3.5 D(meas.) = 2.51(2) D(calc.) = 2.533 Nonfluorescent.

Optical Properties: Transparent. *Color*: Colorless, pale yellowish, pale beige, or pinkish. *Streak*: White. *Luster*: Vitreous.
Optical Class: Biaxial (+). α = 1.565(2) β = 1.566(2) γ = 1.578(2) 2V(meas.) = 25(10)° 2V(calc.) = 32° *Orientation*: $X = c$, $Y = b$, $Z = a$. Parallel extinction; negative elongation.

Cell Data: *Space Group:* Displays OD character, with two MDO (maximum degree of order) structures: one (MDO1), with non-standard space group $F2/d11$ and the second (MDO2), corresponding to the structure-type of the new mineral, with non-standard space group $C112_1/m$.
a = 11.2220(4) b = 7.3777(2) c = 22.9425(8) γ = 89.990(3)° Z = 4

X-Ray Diffraction Pattern: Bazhenovskoe deposit, Asbest, Sverdlovsk Oblast, Russia.
11.52 (100), 3.088 (51), 2.982 (50), 5.46 (24), 1.848 (22), 2.838 (20), 3.562 (17)

Chemistry:

	(1)
Na_2O	0.40
K_2O	0.28
CaO	36.60
MnO	0.04
BaO	0.07
Al_2O_3	6.46
SiO_2	42.32
H_2O	14.10
Total	100.27

(1) Bazhenovskoe deposit, Asbest, Sverdlovsk Oblast, Central Urals, Russia; average electron microprobe and IR analyses, H_2O by selective sorption from gaseous products of heating; corresponds to $Na_{0.09}K_{0.04}Ca_{4.72}Al_{0.92}Si_{5.09}O_{15.69}(OH)_{1.31}\cdot 5H_2O$.

Polymorphism & Series: Polytype *2M*.

Mineral Group: Tobermorite supergroup, tobermorite group.

Occurrence: In a chrysotile asbestos deposit in grossular rhodingite.

Association: Prehnite, pectolite, thomsonite-Ca, calcite.

Distribution: From the Southern pit, Bazhenovskoe deposit, Asbest, Sverdlovsk Oblast, Central Urals, Russia.

Name: The prefix from the Greek παρα for "near" alludes to the relationship to *tobermorite*.

Type Material: A.E. Fersman Mineralogical Museum, Russian Academy of Sciences, Moscow, Russia (5643/1; 97513).

References: (1) Pekov, I.V., N.V. Zubkova, N.V. Chukanov, S. Merlino, V.O. Yapaskurt, D.I. Belakovskiy, A.B. Loskutov, E.A. Novgorodova, S.A. Vozchikova, S.N. Britvin, and D.Y. Pushcharovsky (2022) Paratobermorite, $Ca_4(Al_{0.5}Si_{0.5})_2Si_4O_{16}(OH)\cdot 2H_2O\cdot(Ca\cdot 3H_2O)$, a new tobermorite supergroup mineral with a novel topological type of the microporous crystal structure. Amer. Mineral., 107, 2272-2281.