$Na_3(Na_{0.93}Sb_{0.07})Sb_7Se_3O_9([OH]_{0.36}[H_2O]_{0.64})_{3.15}$	*hP*66	(176) $P6_3/m$ – i^2h^6fb

$Na_6[Sb_{12}O_{18}](SbSe_3)_2(Na_{1.86}Sb_{0.14})(OH)_{2.28}(H_2O)_{4.02}$ [1], cetineite family
Structural features: $:SbO_3$ ψ-tetrahedra share vertices to form infinite tubes with Sb_6O_6 rings parallel to [001]; single $:SbSe_3$ ψ-tetrahedra (orientational disorder up-down) between the tubes, Na, (Na,Sb) and (H_2O,OH) in the tubes.

Wang X. (1995) [1]
$H_{5.16}Na_{3.93}O_{12.15}Sb_{7.07}Se_3$
a = 1.4423, c = 0.5565 nm, c/a = 0.386, V = 1.0026 nm^3, Z = 2

site	Wyck.	sym.	x	y	z	occ.	atomic environment
O1	12*i*	1	0.0568	0.3437	0.002		non-colinear Sb_2
Se2	12*i*	1	0.3607	0.5235	0.216	0.5	
M3	6*h*	*m*..	0.013	0.125	$^1/_4$	0.55	non-colinear $(OH_2)_2$
M4	6*h*	*m*..	0.129	0.103	$^1/_4$	0.5	non-colinear $(OH_2)_2$
Na5	6*h*	*m*..	0.1843	0.2931	$^1/_4$		
O6	6*h*	*m*..	0.344	0.1265	$^1/_4$		non-colinear Sb_2
Sb7	6*h*	*m*..	0.39644	0.02208	$^1/_4$		non-coplanar triangle O_3
Sb8	6*h*	*m*..	0.43562	0.2811	$^1/_4$		non-coplanar triangle O_3
Sb9	4*f*	3..	$^1/_3$	$^2/_3$	0.0876	0.5	single atom Sb
M10	2*b*	-3..	0	0	0		bicapped hexagonal prism $(OH_2)_{12}Na_2$

M3 = $0.638OH_2$ + 0.362OH; M4 = $0.638OH_2$ + 0.362OH; M10 = 0.93Na + 0.07Sb
Transformation from published data: origin shift 0 0 $^1/_2$
Experimental: single crystal, diffractometer, X-rays, R = 0.055, T = 293 K

Remarks: We assigned an approximate value to the OH/OH_2 ratio of sites M3 and M4 based on the nominal composition. Short interatomic distances for partly occupied site(s). Hydrogen atoms are not taken into consideration for Pearson symbol, Wyckoff sequence and atomic environments. Contrary to reports on similar compounds, no superstructure reflections were observed.

References: [1] Wang X. (1995), Z. Kristallogr. 210, 693-694.