$Rb_{0.3}(W_{0.9}Ga_{0.1})O_3$	*hP*13	(183) *P*6*mm* – ec^2a

$Rb_{0.3}Ga_{0.1}W_{0.9}O_3$ [1], HTB (hexagonal tungsten bronze)
Structural features: $(W,Ga)O_6$ octahedra distorted towards square pyramids share vertices to form a 3D-framework; Rb in large channels of hexagonal cross-section parallel to [001].

Mattes R. et al. (1990) [1]
$Ga_{0.20}O_3Rb_{0.09}W_{0.80}$
a = 0.726, c = 0.376 nm, c/a = 0.518, V = 0.1716 nm^3, Z = 3

site	Wyck.	sym.	x	y	z	occ.	atomic environment
O1	6*e*	.*m*.	0.211	0.789	0.575		non-colinear W_2
O2	3*c*	2*mm*	$^1/_2$	0	0.009		single atom W
M3	3*c*	2*mm*	$^1/_2$	0	0.57		octahedron O_6
Rb4	1*a*	6*mm*	0	0	0.0	0.28	non-coplanar hexagon O_6

M3 = 0.8W + 0.2Ga
Transformation from published data: -*x*,-*y*,-*z*; origin shift 0 0 0.93
Experimental: single crystal, diffractometer, X-rays, wR = 0.035, T = 295 K

Remarks: When relevant, we changed the last digit of the atom coordinates to respect the symmetry conditions for special positions.

References: [1] Mattes R., Leimkühler M., Nagel A. (1990), Z. Anorg. Allg. Chem. 582, 131-142.