

	Cubic	Tetragonal	Orthorhombic
R_{wp}	23.05	22.08	20.98
V_{γ}	26.5 ± 0.3	28.0 ± 0.2	27.7 ± 0.2
$a_{\gamma} / \text{\AA}$	3.6143 ± 0.0002	3.6146 ± 0.0002	3.6145 ± 0.0002
$a_{\alpha} / \text{\AA}$	2.86343 ± 0.00009	2.8560 ± 0.0002	2.8449 ± 0.0003
$b_{\alpha} / \text{\AA}$	—	—	2.86910 ± 0.00010
$c_{\alpha} / \text{\AA}$	—	2.8769 ± 0.0005	2.8747 ± 0.00011
c_{α}/a_{α}	—	1.0073 ± 0.0002	1.0101 ± 0.0004
b_{α}/a_{α}	—	—	1.0085 ± 0.0004

Table 1: Results obtained from *ex-situ* X-ray diffraction of alloy 1.