

Tables

Crystal system	Hexagonal
Space group	P 63/mmc
Formula units	$a = b = 7.618$ (4)
(A°)	$c = 6.519$ (2)
	$\alpha = \beta = 90^\circ$
	$\gamma = 120^\circ$
Volume (A³)	327.637(6)
Rp (%)	35.5
Rwp (%)	44.5
Rexp (%)	29.6
χ^2	2.23
RB (%)	5.09
RF (%)	9.06

Table 1: Unit cell parameters and fit criteria of CsMnBr₃pure polycrystalline material.