Kingsgateite

\( \text{Ti}_{11} \text{Si}_{10} \)

**Crystal Data:** Tetragonal.  
*Point Group:* 4/m 2/m 2/m.

**Physical Properties:** 
*Cleavage:*  
*Tenacity:*  
*Fracture:*  
*Hardness =*  
*D(meas.) =*  
*D(calc.) =*

**Optical Properties:** 
*Color:*  
*Streak:*  
*Luster:*  
*Optical Class:

**Cell Data:**  
*Space Group:* I4/mmm.  
*a = 9.4(2)  
*c = 13.5(3)  

**X-Ray Diffraction Pattern:**  
Cr-11 orebody, Luobusa ophiolite, Kangjinla District, Tibet, China.  
2.27 (100), 2.28 (87), 2.23 (68), 2.05 (37), 2.24 (35), 2.36 (34), 2.12 (22), 1.58 (17)

**Chemistry:**

**Polymorphism & Series:**

**Mineral Group:**

**Occurrence:**

**Association:**

**Distribution:** From the Cr-11 orebody, Luobusa ophiolite, ~200 km east southeast of Lhasa, Kangjinla District, Tibet, China.

**Name:** For the district in Tibet where the studied material was collected.

**Type Material:** Geological Museum of China, Beijing, People’s Republic of China (M16104).