



>>Entry Name: Tetrapotassium silicate (K_4SiO_4)

Synonym(s): Potassium orthosilicate (K_4SiO_4)

CAS Registry Number: 14293-88-0

Related CAS Registry Numbers(s): 1312-76-1
 K_4SiO_4

Molecular Formula: $\text{K}_4\text{O}_4\text{Si}$

Molecular Weight: 248.476

Accurate Mass: 247.811415

Percentage Composition: K 62.94%; O 25.76%; Si 11.30%

Source/Synthesis: Synth. by heating K_2CO_3 with K_2SiO_3

References:

Kroger, C. *et al.*, *Z. Anorg. Allg. Chem.*, 1933, **213**, 12, (*synth*)