



>>Entry Name: Potassium sodium carbonate

CAS Registry Number: 10424-09-6

KNaCO_3

Molecular Formula: CKNaO_3

Molecular Weight: 122.097

Accurate Mass: 121.938219

Percentage Composition: C 9.84%; K 32.02%; Na 18.83%; O 39.31%

Source/Synthesis: Phase in the Na_2CO_3 - K_2CO_3 - H_2O system

Physical Description: Cryst.

Melting Point: Mp 135° (dec.)

>>Derivative: Hexahydrate

CAS Registry Number: 64399-16-2

Physical Description: Cryst.

Other Data: Loses 6 H_2O at 100°

References:

Hill, A.E. *et al.*, *J.A.C.S.*, 1927, **49**, 669-686, (*synth*)

Ervin, G. *et al.*, *J.A.C.S.*, 1944, **66**, 384-387, (*synth*)

Bois, C. *et al.*, *Rev. Chim. Miner.*, 1984, **21**, 152-158, (*hexahydrate, cryst struct*)