



>>Entry Name: Sodium antimonate ($\text{Sb}_3\text{O}_7^{(-)}$)

Synonym(s): Antimonic acid (HO_7Sb_3) sodium salt, 8Cl

CAS Registry Number: 12507-68-5

NaSb_3O_7

Molecular Formula: NaO_7Sb_3

Molecular Weight: 500.236

Accurate Mass: 497.665635

Percentage Composition: Na 4.60%; O 22.39%; Sb 73.02%

Source/Synthesis: Synth. from NaOH (or NaCl) aq. + SbCl_5 ; or from Sb_2O_3 + sodium oxalate or Na_2CO_3

Other Data: Stable up to 1000°

References:

Stewart, D.J. *et al.*, *Can. J. Chem.*, 1970, **48**, 1323, (*synth*)

Trofimov, V.G. *et al.*, *Kristallografiya*, 1971, **16**, 438; *Sov. Phys. Crystallogr. (Engl. Transl.)*, 1971, **16**, 364, (*cryst struct*)