



>>Entry Name: Ammonium iodate

Synonym(s): Iodic acid ammonium salt, 10CI

CAS Registry Number: 13446-09-8

NH_4IO_3

Molecular Formula: H_4INO_3

Molecular Weight: 192.941

Accurate Mass: 192.923592

Percentage Composition: H 2.09%; I 65.77%; N 7.26%; O 24.88%

General Statement: Some accounts may actually descr. $\text{NH}_4\text{H}_2(\text{IO}_3)_3$. Few modern basic chem. studies

References:

Barabash, A.I., *J. Mol. Struct.*, 1992, **270**, 517-522, (*I-127 nqr*)

Tarnavski, Yu. A. *et al.*, *J. Mol. Struct.*, 1993, **294**, 61-64, (*ir, Raman*)