

1936

The System Potassium Chloride-Acetamide

Donald A. Stookey
Coe College

Ben H. Peterson
Coe College

Copyright © Copyright 1936 by the Iowa Academy of Science, Inc.
Follow this and additional works at: <https://scholarworks.uni.edu/pias>

Recommended Citation

Stookey, Donald A. and Peterson, Ben H. (1936) "The System Potassium Chloride-Acetamide," *Proceedings of the Iowa Academy of Science*: Vol. 43: No. 1 , Article 36.
Available at: <https://scholarworks.uni.edu/pias/vol43/iss1/36>

This Research is brought to you for free and open access by UNI ScholarWorks. It has been accepted for inclusion in Proceedings of the Iowa Academy of Science by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

THE SYSTEM POTASSIUM CHLORIDE-ACETAMIDE

DONALD A. STOOKEY AND BEN H. PETERSON

The freezing point curve of acetamide solutions of potassium chloride is determined up to saturation at the freezing point.

DEPARTMENT OF CHEMISTRY,
COE COLLEGE,
CEDAR RAPIDS, IOWA.

PHOSPHOTUNGSTIC ACID AS A TEST FOR POTASSIUM IN QUALITATIVE ANALYSIS

S. PORTER MILLER

When a potassium salt is added to a solution of phosphotungstic acid a characteristic dense, white, difficultly filterable precipitate is formed. The test is as sensitive as any of the tests commonly used; one cc. of a ten percent solution will give an easily distinguishable precipitate with lcc. of 0.02 M potassium chloride. Ammonium, which also forms a very insoluble compound, interferes, and must first be removed.

BIOCHEMICAL LABORATORY,
STATE UNIVERSITY OF IOWA,
IOWA CITY, IOWA.