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May 16, 1944

Dr. Louis Hempleman  
P. O. Box 1663  
Santa Fe, New Mexico

Dear Dr. Hempleman:

Dr. Hamilton has asked me to tell you of my limited experience regarding the handling of human excreta. We used to have the patients deposit their feces in one pint "sealite" paper containers and have them place the lid on. These can then be dated and identified by writing on them in pencil. The boxes were then placed on large porcelain evaporating dishes and dried in ovens, gradually elevating the temperature to 200° C. This carbonized all of the material and it can then be ashed in a muffle in the usual manner. The increase in ash from the container is not large.

We collected the urine in gallon jars and when aliquots of the urine only were run, acid was added to stabilize it and to prevent the formation of precipitates. When the entire urines were run these were collected in the above described manner and a little toluol was added to prevent bacterial action. The entire contents were dried down in large ( 4 liter ) beakers and transferred to crucibles and ashed. The ashes of both types of material were readily soluble in dilute acid.

Sincerely yours,

Kenneth G. Scott

KGS/r

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