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Confidential

## ARSENIC DETERMINATIONS

The following results by both methods may be of interest:

<u>Sample</u>	<u>Gutzeit</u>	<u>Mo. Blue</u>
Melted Snow #1	300	260
Melted Snow #2	140	100
Kam Lake #3	286	184

Whether comparative results would always be lower by the Molybdenum Blue method cannot be predicted of course.

So far, the Molybdenum Blue method has proven most reliable and reproducible with standards run on different days. Gutzeit results vary from one run to another, and for greatest accuracy, a complete range of standards should be run along with the unknown each time.

Apparently there are a fairly large number of organic materials from which a preliminary separation of arsenic must be made before the Gutzeit test can be used.

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