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NOTIFICATION OF CHANGE IN FORENSIC SERVICES:

**Statistical sampling in Seized Drug analysis;
use of k factor 0.7 at a 95% confidence level**

Effective June 10, 2026, the Drug Unit will expand the use of the k factor 0.7 (70%) at a 95% confidence level when performing statistical (hypergeometric) sampling in cases where a threshold weight may be exceeded. A k factor is the proportion of the population for which the result applies, at the stated confidence level. A k factor of 0.7 or 0.9 may be applied based on the proportion of the population required to evaluate statutory threshold weights. This update is being made to allow the unit to continue to provide important information regarding the weight and identity of a population.

As part of this update, the wording on the Certificate of Drug Analysis will be changing to reflect the use of a k factor of 0.7 (70%) or 0.9 (90%).

Example wording for a k factor of 0.7:

Based on hypergeometric sampling of the item, 8 of the 76 bags were weighed and tested. [The substance(s)] was identified in all 8 bags tested. At a 95% confidence level, at least 70% of the 76 bags contain [the substance(s)].

Example wording for a k factor of 0.9:

Based on hypergeometric sampling of the item, 23 of the 76 bags were weighed and tested. [The substance(s)] was identified in all 23 bags tested. At a 95% confidence level, at least 90% of the 76 bags contain [the substance(s)].

If you have any questions, please contact the Drug Unit at 508-358-3164.