



Manufacturer's Information

Test No. 23-5051: Quantitative Drug Analysis - Methamphetamine HCl

Each sample pack consisted of two items containing different concentrations of Methamphetamine Hydrochloride (HCl) and Caffeine. Participants were requested to analyze each item and report the concentration of Methamphetamine HCl in the sample.

SAMPLE PREPARATION: Prior to production, the appropriate amount of Methamphetamine HCl and Caffeine for each item were combined and thoroughly mixed to ensure homogeneity.

ITEMS 1 and 2 (PRODUCTION): For each item, approximately 500 mg of the powder was weighed out and deposited into a glassine bag, which was folded and secured with an item specific label. The folded glassine bag was placed into a small zip top bag and heat sealed closed. The heat sealed bag was then placed into a pre-labeled envelope.

SAMPLE SET ASSEMBLY: One of each of the Item 1 and Item 2 envelopes was placed into a larger pre-labeled sample pack envelope.

VERIFICATION: The laboratories that participated in predistribution received additional specimens for duplicate testing of each item. They reported consistent results that were comparable to the preparation concentrations of Methamphetamine HCl for both items. The following methods were used to examine the items: NMR and GC/FID.

<u>Item</u>	<u>Preparation Concentration</u> <u>Methamphetamine HCl</u>
1	44%
2	63%

Please note that the preparation concentration is the value used for calculations during the test preparation phase and may not necessarily represent the final concentration of the samples. It is advised to wait for the Grand Mean statistics available in the Summary and Individual Reports before evaluating performance.