



AFLATOXIN B1 IN PEANUT OIL

PROFICIENCY TESTING PROGRAM GLHK1101

FINAL REPORT SUMMARY

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Summary of Results

1. This proficiency testing program (GLHK1101) was organized in collaboration with Guangdong Inspection and Quarantine Technology Centre (IQTC) and aimed at providing a platform to evaluate the testing capability of laboratories for analysing aflatoxin B1 in peanut oil
2. A total of 14 laboratories from 6 economies enrolled in the program and 13 of them returned results to the organizers.
3. The reference value and standard deviation for performance assessment were respectively assigned by the organizers using robust mean of the participants' results and calculated using the modified Horwitz Equation. The z-score was used as a numerical indicator to show participants' performance with respect to the assigned value in the program.
4. The z-scores of the participants are summarized as follows:

Z-Score	Number of Participants (Percentage)
$ z \leq 2$	12 (92%)
$2 < z < 3$	1 (8%)
$ z \geq 3$	0 (0%)
Total:	13 (100%)