

BORIC ACID IN FOOD

PROFICIENCY TESTING SCHEME

GLHK PT 25-01

FINAL REPORT SUMMARY

25 April 2025



Government Laboratory
Proficiency Testing Scheme (GLHK PT 25-01)
Boric Acid in Food

Summary of Results

1. This proficiency testing (PT) scheme (GLHK PT 25-01) was organised by the Government Laboratory of the Government of the Hong Kong Special Administrative Region (GLHK) and aimed at providing a platform to evaluate the testing capability of participating laboratories in analysing boric acid in food.
2. A total of 8 laboratories in Hong Kong enrolled in the PT scheme and all of them returned the analytical results to the organiser on or before the deadline for result submission.
3. The assigned value was derived from the gravimetric preparation of boric acid in the PT item. The standard deviation for proficiency assessment was derived from the Horwitz Equation. The performance of individual laboratory was expressed in terms of z-scores.
4. The z-scores of the participants are summarised as follows:

z-score	Number of participants (Percentage)
$ z \leq 2.0$	8 (100%)
$2.0 < z < 3.0$	0 (0%)
$ z \geq 3.0$	0 (0%)
Total:	8 (100%)