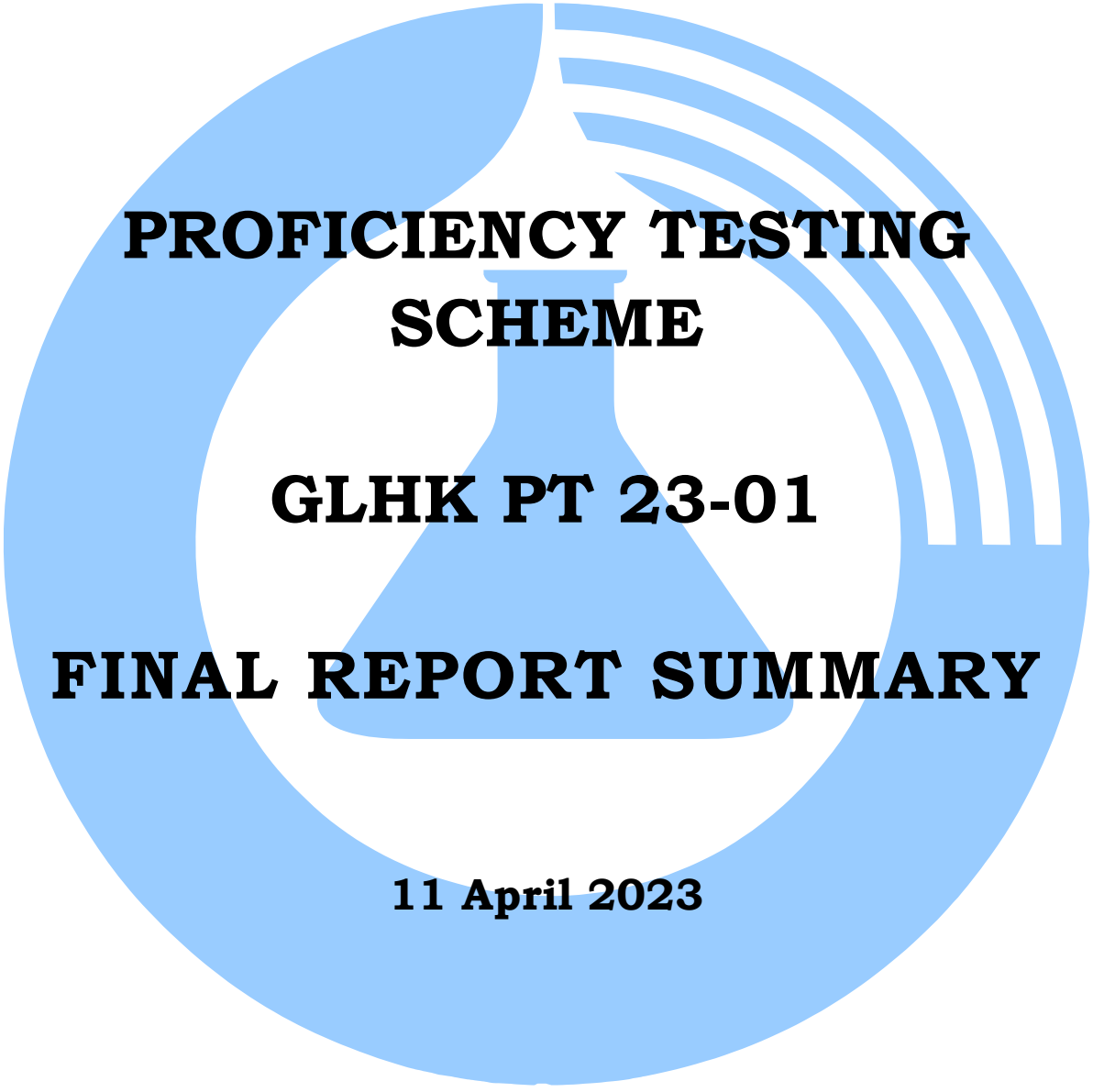


BORIC ACID IN FOOD



PROFICIENCY TESTING SCHEME

GLHK PT 23-01

FINAL REPORT SUMMARY

11 April 2023



Government Laboratory
Proficiency Testing Scheme (GLHK PT 23-01)
Boric Acid in Food

Summary of Results

1. This proficiency testing (PT) scheme (GLHK PT 23-01) was organised by Government Laboratory of the HKSAR Government (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 10 laboratories in Hong Kong were enrolled in the PT scheme and 9 of them had returned the analytical results to the organiser before the deadline for the result submission.
3. The assigned value was derived from the gravimetric value of boric acid in the proficiency test sample prepared. The standard deviation for proficiency assessment was derived from the Horwitz Equation. Individual laboratory performance was expressed in terms of z-scores.
4. The z-scores of the participants are summarized as follows:

z-score	Number of participants (Percentage)
$ z \leq 2.0$	9 (100%)
$2.0 < z < 3.0$	0 (0%)
$ z \geq 3.0$	0 (0%)
Total:	9 (100%)