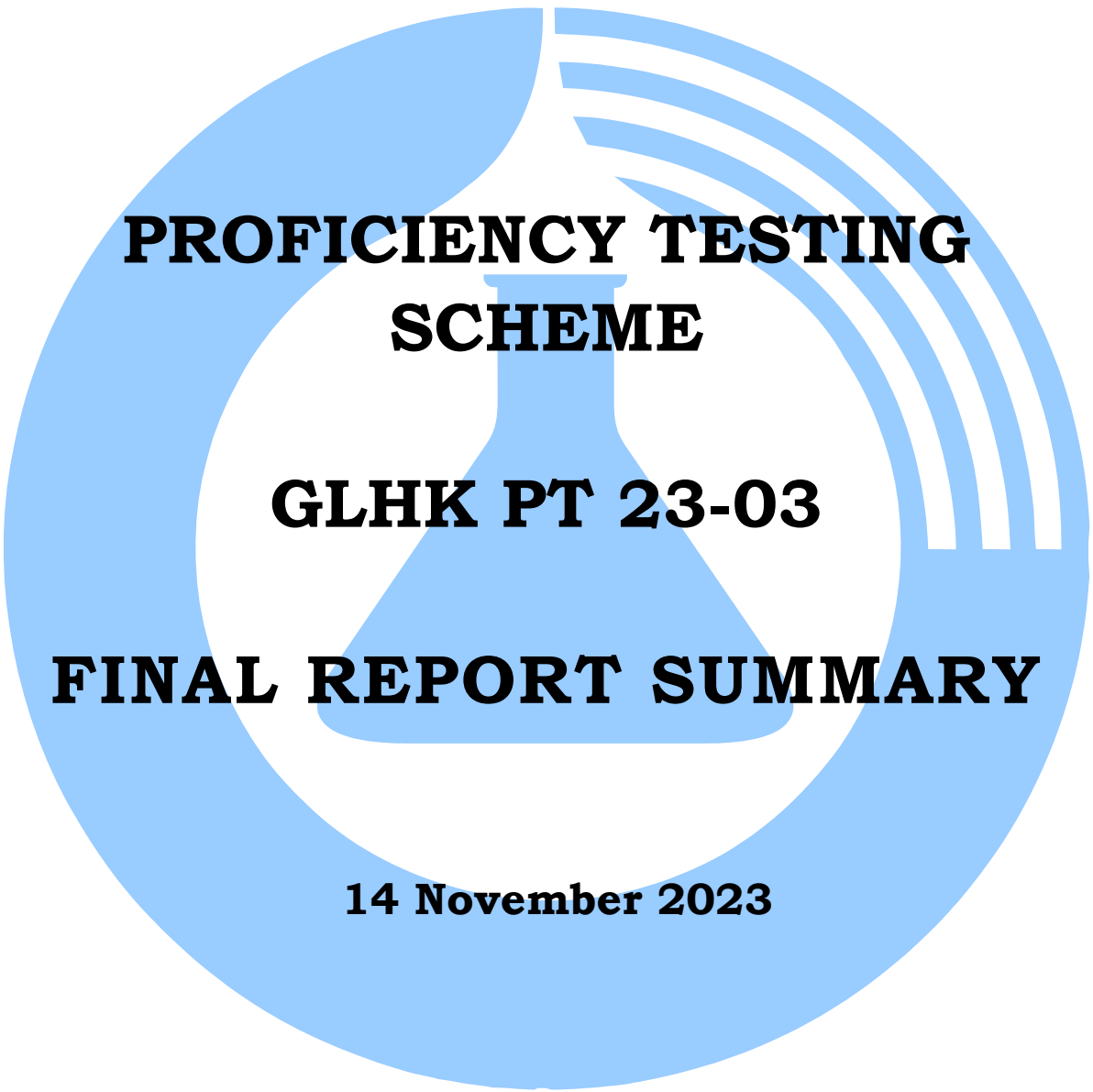


SALICYLIC ACID IN FOOD



PROFICIENCY TESTING SCHEME

GLHK PT 23-03

FINAL REPORT SUMMARY

14 November 2023



Government Laboratory
Proficiency Testing Scheme (GLHK PT 23-03)
Salicylic Acid in Food

Summary of Results

1. This proficiency testing (PT) scheme (GLHK PT 23-03) was organised by the Government Laboratory of the HKSAR Government (GLHK) and aimed at providing a platform to evaluate the testing capability of participating laboratories in analysing salicylic acid in food.
2. A total of 9 laboratories in Hong Kong enrolled in the PT scheme and all of them returned the analytical results to the organiser before the deadline for the result submission.
3. The assigned value was determined by GLHK using isotope dilution liquid chromatography – tandem mass spectrometry. 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 summarised 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%)