

**JABATAN KIMIA MALAYSIA
PROFICIENCY TESTING PROGRAMME**

GMO 1-19

Year 2019

GMF in Flour

KIMIA PT Report No. 9/2019

June 2019



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Acknowledgements

This proficiency testing programme was conducted by Quality Management and Research Centre in collaboration with Biotechnology Division of Department of Chemistry Malaysia, Petaling Jaya.

We would like to thank the management and staff of the participating laboratories for their support towards this programme.

Approved signatory,

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This report was authorized by
Director of Chemical Metrology Division
Khairul Anuar bin Abdul Aziz
Date: 28th June 2019

SUMMARY

This proficiency testing programme was conducted in April – May 2019. A total of eight (8) participants from laboratories in Malaysia and ASEAN countries participated in this PT scheme. One PT item labelled as GMO 1-19 “Item A” was dispatched to the participating laboratories and only seven (7) of them had submitted their results.

Results for this study are summarised as follows:

PT Item	Testing Parameter	Number of satisfactory responses	Total number of responses	Percentage of satisfactory results, %
Item A	DETECTED for 35S promoter	6	7	85.71
	DETECTED for NOS terminator	7	7	100
	NOT DETECTED for cry1Ab gene	1	3	33.33
	DETECTED for ctp2-cp4 EPSPS	4	4	100
	NOT DETECTED for T25 Maize	3	2	66.67
	NOT DETECTED for TC1507 Maize	3	3	100
	NOT DETECTED for DAS59122 Maize	2	2	100
	NOT DETECTED for SYN3272 Maize	2	2	100
	DETECTED for NK603 Maize	5	5	100
	DETECTED for MON89788 Soya	4	4	100
	NOT DETECTED for Roundup Ready® Soya	2	2	100