

**JABATAN KIMIA MALAYSIA  
PROFICIENCY TESTING PROGRAMME**

**WAPAS 5-19  
Year 2019**

**Potassium and Sodium in Drinking Water**

**KIMIA PT Report No. 12/2019**

August 2019



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## ACKNOWLEDGEMENTS

This proficiency testing programme was conducted by Quality Management and Research Centre in collaboration with Environmental Chemistry 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  
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Date: 15<sup>th</sup> August 2019

## SUMMARY

This proficiency testing programme was conducted in June – July 2019. A total of seventy-three (73) participants from laboratories in Malaysia and ASEAN countries participated in this PT scheme. One PT item labelled as WAPAS 5-19 “Item A” was dispatched to the participating laboratories and all of them had submitted their results.

Results for this study are summarised as follows:

PT Item	Testing Parameter	Assigned value (mg/L)	Expanded Uncertainty (mg/L)	Number of scores, $ z  \leq 2.0$	Total number of responses	% $ z  \leq 2.0$
Item A	Potassium	44.4	1.2	63	66	95
	Sodium	20.3	0.4	62	70	89

*The expanded uncertainties are based on coverage factor,  $k = 2$  for 95% confidence level.*

