EAS Quality Control Working Group

Evaluation Report for Proficiency Testing

June 7th, 2013

EAS Quality Control Report for Proficiency Testing

The proficiency of Dorota Myszkowska, Jagiellonian University, Poland, has been evaluated by the coordination center of the Quality Control Program. It has employed the statistical methodology for proficiency testing adapted to Aerobiological data (Oteros et al., 2013). In this table you can see the summary parameters.

Slide	Pollen type	*X*	*S'*	*Xi*	AE	RE
Vienna 100412	BETU	92	18	67	-25	-16.2%
Vienna 300512	POAC	49	4	42	-7	-10.3%

X, Assigned value; S', Standard deviation for proficiency; Xi, Count by Staff; AE, Absolute Error; RE, Relative Error.

Pollen counts between confidence limits are considered as correct. For calculating Relative Error, the uncertainty of Assigned value has been taken into account. For considering significant error, both conditions must be met: RE>|20%| + AE>|10|

Results: no significant errors have been found.

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