

Reference Material

Polar pesticides, QACs, matrine and oxymatrine in parsley

P2315-RMPs



- Summary -

Please note:

Reference material P2315-RMPs is a validated control material and not a certified reference material. The reference material is validated in the ring test P2315-RT, which is organised, performed and evaluated according to the requirements of DIN EN ISO/IEC17043 and the “International Harmonized Protocol”. DIN ISO13528 is considered during the evaluation of the submitted results and during homogeneity testing. Details related to the applied statistics are summarised in the full specification, which is provided after purchase of the reference material.

Reference material P2315-RMPs consists of 100 g parsley homogenate, which is spiked with chlorate and perchlorate, six quaternary ammonium compounds, as well as matrine and oxymatrine (see table 1). The corresponding unspiked parsley homogenate (100 g) is available as blank material P2315-BLPs. The blank material is free from incurred residues of all spiked parameters.

The reference material is validated in ring test P2315-RT with 12 laboratories. The spiked levels as well as the assigned values, which are calculated of the results of the participants of the ring test P2315-RT, are summarised in table 1.

Table 1. Spiked levels and assigned values

Parameter	Spiked level [mg/kg]	Assigned value [mg/kg]	Total number of results
Chlorate	0.085	0.0847	12
Perchlorate	0.19	0.203	12
BAC C-8	0.021	0.0215	10
BAC C-10	0.045	0.0435	10
BAC C-12	0.018	0.0224	10
BAC C-16	0.031	0.0297	10
DDAC C-10	0.040	0.0374	8
DDAC C-12	0.037	0.0343	10
Matrine	0.035	0.0416	8
Oxymatrine	0.052	0.0523	7