

Reference Material

Pesticides and acidic herbicides in hempseed oil

P2625-RMHp



Summary

Reference material P2625-RMHP is validated in ring test P2625-RT, which is organised, performed, and evaluated according to the requirements of DIN EN ISO/IEC 17043 and the “International Harmonized Protocol”. DIN ISO 13528 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 P2625-RMHP consists of hempseed oil (40 ml), which is spiked with 10 pesticides and 3 acidic herbicides (see table 1).

The corresponding unspiked hempseed oil (40 ml) is available as blank material P2625-BLHP. The blank material is free from incurred residues of all spiked parameters.

The reference material is validated in ring test P2625-RT with 16 laboratories. The spiked levels as well as the assigned values, which are calculated of the results of the participants of the ring test P2625-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
Azoxystrobin	0.028	0.0274	16
Bifenazate (sum)	0.36	0.349	16
Cyproconazole	0.18	0.185	16
Dimethomorph	0.093	0.0948	16
Methamidophos	0.072	0.0695	16
Myclobutanil	0.044	0.0448	16
Paclobutrazol	0.053	0.0535	16
Pyridaben	0.15	0.148	16
Spiromesifen	0.088	0.0858	16
Tetramethrin	0.11	0.109	15
Fluazifop-p	0.021	0.0177	16
Haloxifop	0.045	0.0453	16
MCPA	0.12	0.116	16