

Validated Reference Material of ***rolling proof 2021***

Multi-method pesticides in raspberries

P2119-RMRa



- Summary -

Please note: Reference material P2119-RMRa is a validated control material and not a certified reference material. The reference material consists of 120 g of raspberries and was spiked with 27 pesticides. The specification of the reference material P2119-RMRa includes 26 pesticides. The spiked pesticide spirodiclofen is not part of the specification due a degradation of spirodiclofen in the test material. The reference material is validated in a ring test with 10 laboratories.

The spiked levels and the assigned values, calculated of the results of the participants of ***rolling proof*** – module vegetables and fruits 2021 (P2119-RT), are summarised in table 1.

Table 1. Descriptive statistics

Pesticide	Total number of results	Spiked level [mg/kg]	Assigned value [mg/kg]
Azoxystrobin	10	0.13	0.124
Boscalid	10	0.047	0.0447
Chlorpyrifos-methyl	10	0.028	0.0252
Cyfluthrin	9	0.041	0.0378
Cyprodinil	10	0.097	0.0956
DEET	10	0.031	0.0315
Fenhexamid	10	0.11	0.110
Fenpyroximate	10	0.038	0.0364
Fluazinam	9	0.027	0.0258
Fludioxonil	10	0.088	0.0862
Hexythiazox	10	0.069	0.0697
Iprodione	10	0.032	0.0319
Kresoxim-methyl	10	0.028	0.0269
Myclobutanil	10	0.026	0.0249
Phosalone	10	0.044	0.0416
Piperonyl butoxide	10	0.035	0.0334
Pirimicarb	10	0.092	0.0925
Procymidone	10	0.055	0.0495
Propyzamide	10	0.025	0.0232
Pyraclostrobin	10	0.066	0.0676
Pyrimethanil	10	0.21	0.204
Tebuconazole	10	0.048	0.0483
Tebuconazole	10	0.069	0.0709
Tetraconazole	10	0.062	0.0602
Tolylfluanid (sum)	9	0.072	0.0670
Trifloxystrobin	10	0.029	0.0295