

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

Multi-method pesticides in lettuce

P2118-RMLe



- Summary -

Please note: Reference material P2118-RMLe is a validated control material and not a certified reference material. The reference material lettuce was spiked with 29 pesticides. The specification of the reference material P2118-RMLe includes 27 pesticides. The spiked pesticides indoxacarb and spirodiclofen are not part of the specification due a degradation of the pesticides in the reference material. The reference material is validated in ring test P2118-RT 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 (P2118-RT), are summarised in table 1.

Table 1. Descriptive statistics

Pesticide	Total number of results	Spiked level [mg/kg]	Assigned value [mg/kg]
Abamectin	9	0.051	0.0471
Acetamiprid	10	0.14	0.142
Bifenthrin	10	0.034	0.0330
Chlorantraniliprole	10	0.093	0.0979
Chlorpropham	10	0.048	0.0486
Cymoxanil	10	0.022	0.0204
Deltamethrin	9	0.031	0.0320
Difenoconazole	10	0.066	0.0659
Dimethoate	10	0.088	0.0830
Dimethomorph	10	0.13	0.122
Fenamidone	10	0.15	0.143
Fipronil	10	0.030	0.0282
Flutriafol	10	0.083	0.0806
Imidacloprid	10	0.062	0.0631
Mandipropamid	10	0.45	0.453
Metalaxyl-M	10	0.025	0.0243
Methoxyfenozide	10	0.058	0.0482
Nitenpyram	10	0.026	0.0235
Oxadixyl	10	0.033	0.0314
Pendimethalin	10	0.044	0.0414
Prochloraz	10	0.072	0.0642
Propamocarb	10	0.14	0.138
Propyzamide	10	0.064	0.0641
Spinosad	10	0.073	0.0737
Spirotetramat (sum)	9	0.091	0.0861
Thiamethoxam	10	0.14	0.136
Tolclofos-methyl	10	0.052	0.0510