

Validated Reference Material Pesticides in ready-to-eat baby food

P1916-RMBa



- Summary -

Please note:

Reference material P1916-RMBa is a validated control material and not a certified reference material. The reference material consists of 120 g of a ready-to-eat baby food, which is spiked with 10 different pesticides and metabolites thereof (see table 1). The baby food consists of different kinds of vegetables like potato, tomato, eggplant, carrots, sweet pepper and onions. Furthermore, it contains cheese, cream, riceflour, spices etc. The corresponding unspiked ready-to-eat baby food (120 g) is available as blank material P1916-BLBa. The blank material is free from the spiked pesticides, while it contains trace levels of spirotetramat-enol glucoside and spirotetramat-enol, which are not part of the specification.

The reference material is validated in ring test P1916-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 P1916-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
Acetamiprid	0.0080	0.00757	11
Chlorpropham	0.015	0.0130	11
Chlorpyrifos	0.010	0.00819	11
Dieldrin	0.0060	0.00528	11
Ethoprophos	0.0090	0.00806	12
Fipronil-desulfinyl	0.010	0.00853	10
Terbufos	0.0060	0.00540	10
Terbufos sulfoxide	0.010	0.00873	11
Thiacloprid	0.012	0.0113	11
Thiamethoxam	0.018	0.0190	11