

Validated Reference Material Ethephon, perchlorate, and phosphonic acid in sweet pepper

P2004-RMPe



- Summary -

Please note:

Reference material P2004-RMPe is a validated control material and not a certified reference material. The reference material consists of 120 g of a sweet pepper homogenate, which is spiked with ethephon, perchlorate, and phosphonic acid (see table 1). The corresponding unspiked sweet pepper homogenate (120 g) is available as blank material P2004-BLPa. The blank material is free from incurred residues of ethephon, perchlorate and phosphonic acid (not detected, RL: 0.01 mg/kg).

The reference material is validated in ring test P2004-RT with 24 laboratories. The spiked levels as well as the assigned values, which are calculated of the results of the participants of the ring test P2004-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
Ethephon	0.061	0.0606	24
Perchlorate	0.065	0.0521	24
Phosphonic acid	0.046	0.0477	24