

# Validated Reference Material Polar pesticides in raspberry

## P2003-RMRa



### - Summary -

Please note:

Reference material P2003-RMRa is a validated control material and not a certified reference material. The reference material consists of 120 g of a raspberry homogenate, which is spiked with chlorate, perchlorate, phosphonic acid, and with the quaternary ammonium compounds BAC C-10, BAC C-12, BAC C-16, DDAC C-8, DDAC C-10, and DDAC C-12 (see table 1). The corresponding unspiked raspberry homogenate (120 g) is available as blank material P2003-BLRa. The blank material is free from incurred residues of the spiked parameters at a level of 0.01 mg/kg.

The reference material is validated in ring test P2003-RT with 13 laboratories. The spiked levels as well as the assigned values, which are calculated of the results of the participants of the ring test P2003-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
Chlorate	0.085	0.0752	13
Perchlorate	0.018	0.0154	13
Phosphonic acid	0.082	0.0760	12
BAC C-10	0.028	0.0266	13
BAC C-12	0.045	0.0424	12
BAC C-16	0.022	0.0207	13
DDAC C-8	0.045	0.0424	12
DDAC C-10	0.035	0.0342	12
DDAC C-12	0.025	0.0229	12

BAC C-10: Benzyl dimethyl decyl ammonium chloride, BAC C-12: Benzyl dimethyl dodecyl ammonium chloride; BAC C-16: Benzyl dimethyl hexadecyl ammonium chloride; DDAC C-8: Dimethyl dioctyl ammonium chloride; DDAC C-10: Didecyl dimethyl ammonium chloride; DDAC C-12: Didodecyl dimethyl ammonium chloride