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## Monitoring programme for single residue methods in food products

### M84 Dithiocarbamates; GC-MS of CS<sub>2</sub> \*

Pesticide	Pesticid	Class	LOQ mg/kg
Dithiocarbamates*	Ditiokarbamater*	F	0.01 CS2

M84: Dithiocarbamates are determined as CS<sub>2</sub>. The limit of quantification (LOQ) is 0.01 mg/kg, expressed as CS<sub>2</sub>. The method includes the dithiocarbamates: maneb, mancozeb, metiram, propineb, thiram and ziram. CS<sub>2</sub> can be produced during sample preparation and storage of cabbages (brassica crops). Hence, the LOQ is 0.1 mg/kg in brassica crops.

### M92 Etephon; LC-MS/MS \*

Pesticide	Pesticid	Class	LOQ mg/kg
Etephon*	Etefon*	G	0.05

### M94 Quaternary ammonium compounds (QAC); LC-MS/MS

Pesticide	Pesticid	Class	LOQ mg/kg
Benzalkonium chloride	BAC (C8, C10, C12, C14, C16, C18)	B	0.01
Didecyldimethylammonium chloride	DDAC (C8, C10, C12)	B	0.01

M94: The method includes the quaternary ammonium compounds benzalkonium chloride (BAC C8, BAC C10, BAC C12, BAC C14, BAC C16, and BAC C18) and didecyldimethylammonium chloride (DDAC C8, DDAC C10, and DDAC C12). The limit of quantification for all compounds is 0.01 mg/kg.

### M100 Chlormequat, mepiquat and cyromazine; LC-MS/MS \*

Pesticide	Pesticid	Class	LOQ mg/kg
Chlormequat*	Klormekvat*	G	0.01
Mepiquat*	Mepikvat*	G	0.01
Cyromazine	Cyromazin	I	0.01

### M104 Chlorate and perchlorate; LC-MS/MS \*

Pesticide	Pesticid	Class	LOQ mg/kg
Chlorate*	Klorat*		0.01
Perchlorate*	Perklorat*		0.01

**M108 Captan, chlorothalonil, dichlofluanid, folpet, and tolylfluanid; GC-MS/MS**

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Captan	Kaptan	F	0.025
THPI: 1.2.3.6- Tetrahydrophthalimide	THPI: 1.2.3.6- Tetrahydroftalimid	M	0.01
Chlorothalonil	Klortalonil	F	0.01
Dichlofluanid	Diklofluanid	F	0.01
Folpet	Folpet	F	0.025
Phtalimide	Ftalimid	M	0.01
Tolylfluanid	Tolylfluanid	F	0.01

**M110 Glufosinate; LC-MS/MS \***

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Glufosinate*	Glufosinat*	H	0.01
MPPA*	MPPA*	M	0.01
NAG*	NAG*	M	0.01

**M114 Total inorganic bromide; LC-MS/MS \***

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Bromide ion*	Bromid ion*	M	5

**M115 Glyphosate; LC-MS/MS (fruit, vegetables, and cereals) \***

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Glyphosate*	Glyfosat*	H	0.05-0.1

M115: LOQ is 0.05 mg/kg in fruit/vegetables and 0.1 mg/kg in cereals.

**M116 Fosetyl-Al; LC-MS/MS \***

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Fosetyl*	Fosetyl*	F	1
Phosphonic acid*	Fosfonsyre*	M	0.75

**M118 Diquat og paraquat; LC-MS/MS**

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Diquat	Dikvat	H	0.01-0,02
Paraquat	Parakvat	H	0.01-0,02

M118: LOQ is 0.01 mg/kg in fruit/vegetables and 0.02 mg/kg in cereals.

**M122 Nicotine; LC-MS/MS**

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Nicotine	Nikotin	I	0.01

M122: LOQ is 0.3 mg/kg in tea.

**M138 Maleic hydrazide; LC-MS/MS**

<b>Pesticide</b>	<b>Pesticid</b>	<b>Class</b>	<b>LOQ mg/kg</b>
Maleic hydrazide	Maleinhydrazid	H	1.0

H: Herbicide = ugrasmiddel      G: Growth regulator = vekstregulator      F: Fungicide = soppmiddel  
M: Metabolite = metabolitt      I: Insecticide = insektsmiddel      B: Biocide = biocid

LOQ: Limit of quantification = kvantifiseringsgrense: The lowest concentration of a substance that can be determined by the method.

Substances and methods marked with an asterisk\* are accredited.

For all methods, only detected substances are on the report. All other substances covered by the method have not been detected above the quantification limit. If a result for a method is "Not detected" none of the substances covered by the method have been found in concentrations above the quantification limit. Changes in quantification limits will be stated in the analysis report.

Information about measurement uncertainties can be obtained by contacting the laboratory.