

Descrizione della Prova: **AVERMECTINE E MILBEMICINE NEGLI ALIMENTI MEDIANTE HPLC**

Procedura di riferimento: **PRT.PGRES.555 Rev.003 del 23/03/2018**

Matrice: **FEGATO**

ANALITA	Recuperi $\pm$ scarto Tipo (%)						
	3.2 $\mu\text{g/kg}$	10 $\mu\text{g/kg}$	32 $\mu\text{g/kg}$	100 $\mu\text{g/kg}$	320 $\mu\text{g/kg}$	1000 $\mu\text{g/kg}$	3200 $\mu\text{g/kg}$
EPRINOMECTINA	90 $\pm$ 7.8	90 $\pm$ 9.4	98 $\pm$ 7.5	91 $\pm$ 4.0	93 $\pm$ 6.4	78 $\pm$ 5.2	82 $\pm$ 4.6
MOXIDECTINA	78 $\pm$ 6.1	80 $\pm$ 9.5	96 $\pm$ 9.0	81 $\pm$ 2.4	89 $\pm$ 5.1	73 $\pm$ 4.9	78 $\pm$ 3.3
EMAMECTINA	115 $\pm$ 33	96 $\pm$ 5.5	93 $\pm$ 17	104 $\pm$ 5.6	93 $\pm$ 6.2	81 $\pm$ 17	80 $\pm$ 11
ABAMECTINA	87 $\pm$ 6.1	89 $\pm$ 7.7	95 $\pm$ 6.6	89 $\pm$ 4.0	92 $\pm$ 6.5	79 $\pm$ 4.5	82 $\pm$ 4.3
DORAMECTINA	85 $\pm$ 5.2	87 $\pm$ 5.3	93 $\pm$ 6.4	87 $\pm$ 3.6	91 $\pm$ 6.5	77 $\pm$ 4.8	80 $\pm$ 3.8
IVERMECTINA	82 $\pm$ 7.1	81 $\pm$ 6.8	89 $\pm$ 6.5	83 $\pm$ 2.7	88 $\pm$ 5.5	74 $\pm$ 4.0	78 $\pm$ 2.7

Matrice: **MUSCOLO**

ANALITA	Recuperi $\pm$ scarto Tipo (%)				
	3.2 $\mu\text{g/kg}$	10 $\mu\text{g/kg}$	32 $\mu\text{g/kg}$	100 $\mu\text{g/kg}$	320 $\mu\text{g/kg}$
EPRINOMECTINA	86 $\pm$ 3.5	90 $\pm$ 9.2	93 $\pm$ 4.5	82 $\pm$ 4.1	85 $\pm$ 4.8
MOXIDECTINA	82 $\pm$ 3.3	87 $\pm$ 8.0	92 $\pm$ 4.5	85 $\pm$ 2.9	85 $\pm$ 2.5
EMAMECTINA	83 $\pm$ 10.1	88 $\pm$ 8.1	93 $\pm$ 5.6	85 $\pm$ 5.7	84 $\pm$ 3.1
ABAMECTINA	86 $\pm$ 2.1	89 $\pm$ 7.5	92 $\pm$ 4.5	84 $\pm$ 4.1	86 $\pm$ 3.9
DORAMECTINA	84 $\pm$ 2.4	89 $\pm$ 8.4	92 $\pm$ 5.3	84 $\pm$ 4.3	85 $\pm$ 3.9
IVERMECTINA	84 $\pm$ 3.1	87 $\pm$ 7.5	90 $\pm$ 4.5	84 $\pm$ 5.0	85 $\pm$ 3.9

Matrice: **LATTE**

ANALITA	Recuperi $\pm$ s (%)				
	1 $\mu\text{g/kg}$	3.2 $\mu\text{g/kg}$	10 $\mu\text{g/kg}$	32 $\mu\text{g/kg}$	100 $\mu\text{g/kg}$
EPR	81 $\pm$ 4.6	79 $\pm$ 6.4	84 $\pm$ 10.7	84 $\pm$ 4.5	84 $\pm$ 3.0
MOX	79 $\pm$ 8.7	77 $\pm$ 6.1	82 $\pm$ 9.0	84 $\pm$ 5.0	83 $\pm$ 3.1
EMA	82 $\pm$ 6.2	80 $\pm$ 5.2	83 $\pm$ 9.0	82 $\pm$ 4.6	84 $\pm$ 3.6
ABA	80 $\pm$ 6.4	78 $\pm$ 5.5	82 $\pm$ 9.2	83 $\pm$ 2.9	84 $\pm$ 2.6
DOR	79 $\pm$ 6.9	77 $\pm$ 6.3	82 $\pm$ 9.9	83 $\pm$ 3.3	84 $\pm$ 2.9
IVM	78 $\pm$ 7.1	77 $\pm$ 5.7	80 $\pm$ 8.3	81 $\pm$ 3.1	83 $\pm$ 2.8