Participant :

Lab code :

METHOD DESCRIPTION

SCREENING ANALYSIS

(short description of the screening method / equipment)

**Sample preparation:**

**Sample amount:** ……. g of reconstituted muscle sample

**Hydrolysis:** yes  no  if yes: glucoronidase/sulfatase

protease

mineralic acid

other ………………………..

**Solvent for initial solid-liquid extraction:** ………………………..

**Clean-up:** liquid/liquid  solvent: ........................................... SPE  phase: ............. solvent: ...................

QuECHERS

other: ........................................................................

**Measurement method:** LC  column: .........................................................

temperature programme:...............................

eluent: ...........................................................

gradient:.........................................................

.........................................................

flow rate::......................................................

column temperature:......................................

injection volume:...........................................

ELISA

Biosensor

Test-Kit

other: ............................

**Detection method:** MS   equipment: ........................................

Ion trap:

Triple quad:

TOF / QTOF:

Orbitrap:

FLU

DAD

UV

other: …………………………................................

**MS/MS conditions (diagnostic ions):**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Analyte** | **Precursor Ion** | **Product Ions** | | | | **IS** |
| Abamectin |  |  |  |  | |  |
| Albendazole and metabolites |  |  |  |  | |  |
| Clorsulon |  |  |  |  | |  |
| Closantel |  |  |  |  | |  |
| Doramectin |  |  |  |  | |  |
| Emamectin |  |  |  |  | |  |
| Eprinomectin |  |  |  |  | |  |
| Fenbendazole and metabolite |  |  |  |  | |  |
| Flubendazole |  |  |  |  | |  |
| Ivermectin |  |  |  |  | |  |
| Levamisole |  |  |  |  | |  |
| Mebendazole |  |  |  |  | |  |
| Moxidectin |  |  |  |  | |  |
| Nitroxinil |  |  |  |  | |  |
| Oxibendazole |  |  |  |  | |  |
| Oxyclozanide |  |  |  |  | |  |
| Rafoxanide |  |  |  |  | |  |
| Thiabendazole and metabolites |  |  |  |  | |  |
| Triclabendazole and metabolites |  |  |  |  | |  |
| 4,4‘-Dinitrocarbanilide (DNC) |  |  |  |  | |  |
| Amprolium |  |  |  |  | |  |
| Clopidol |  |  |  |  | |  |
| Decoquinate |  |  |  |  | |  |
| Diclazuril |  |  |  |  | |  |
| Halofuginone |  |  |  |  | |  |
| Ipronidazole |  |  |  |  | |  |
| Lasalocid |  |  |  |  | |  |
| Maduramicin |  |  |  |  | |  |
| Monensin |  |  |  |  | |  |
| Narasin |  |  |  |  | |  |
| Nequinate |  |  |  |  | |  |
| Robenidine |  |  |  |  | |  |
| Salinomycin |  |  |  |  | |  |
| Semduramicin |  |  |  |  | |  |
| Toltrazuril |  |  |  |  | |  |
| Toltrazuril Sulfone |  |  |  |  | |  |
| Toltrazuril Sulfoxide |  |  |  | |  |  |
| 4-formylamino antipyrine |  |  |  | |  |  |
| 4-methylamino antipyrine |  |  |  | |  |  |
| Antipyrine |  |  |  | |  |  |
| Carprofen |  |  |  | |  |  |
| Dicofenac |  |  |  | |  |  |
| Firocoxib |  |  |  | |  |  |
| Flufenamic acid |  |  |  | |  |  |
| Flunixin |  |  |  | |  |  |
| Flunixin-hydroxide |  |  |  | |  |  |
| Ibuprofen |  |  |  | |  |  |
| Isopyrine |  |  |  | |  |  |
| Ketoprofen |  |  |  | |  |  |
| Mefenamic acid |  |  |  | |  |  |
| Meloxicam |  |  |  | |  |  |
| Naproxen |  |  |  | |  |  |
| Niflumic acid |  |  |  | |  |  |
| Oxyphenbutazone |  |  |  | |  |  |
| Phenylbutazone |  |  |  | |  |  |
| Salicylic acid |  |  |  | |  |  |
| Tolfenamic acid |  |  |  | |  |  |
| Vedaprofen |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
| **Internal Standards** |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |
|  |  |  |  | |  |  |

**Source of Standards: ..……………………………………………………………………..**

**………………………………………………………………………**

**………………………………………………………………………**

**………………………………………………………………………**

**………………………………………………………………………**

**………………………………………………………………………**

**………………………………………………………………………**

**Calibration:** External calibration (solvent)

single-level:

multi-level:

Matrix calibration

single-level:

multi-level:

Calibration with IS

Standard addition

**Additional remarks:** ………………………………………………………………………….

………………………………………………………………………..

………………………………………………………………………..

………………………………………………………………………..

………………………………………………………………………..

………………………………………………………………………..

**Reference (method):** ………………………………………………………………………….

Which analytes can be detected with this screening method? What is the CCβscreening for these analytes in this matrix?

|  |  |  |
| --- | --- | --- |
| **Analyte** | **Measurement and detection method** | **CCβscreening\* (µg/kg)** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**\*Please indicate the values for all individual substances.**

Remarks: *If data concerning the CCβ screening cannot be entered yet, please indicate the limit of quantification and limit of*

*determination or similar limits and the type of determination. Please mark entries correspondingly.*

***If several methods were used for the screening analysis, please copy pages1 to 6 and fill them in***

***separetely for each method.***

Participant :

Lab code :

RESULT FORM

SCREENING ANALYSIS

The screening results of the above-mentioned sample were positive for the following analytes:

*(Please note that only one sample preparation per sample was required. If parallel analyses were performed, please enter* ***each individual result****,* ***do not enter means****!)*

***Sample code: ..................***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Detected**  **analytes** | **Nature of screening result**  **(please tick)** | | | **Concentration**  **(single values)**  **(µg/kg)** |
| estimated | semi-quantitative | quantitative |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

The presence of ANTH, COCC, NSAIDs could not be confirmed in the above mentioned sample:

Remarks: .....................................................................................................................................

***Sample code: ................***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Detected**  **analytes** | **Nature of screening result**  **(please tick)** | | | **Concentration**  **(single values)**  **(µg/kg)** |
| estimated | semi-quantitative | quantitative |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

The presence of ANTH, COCC, NSAIDs could not be confirmed in the above mentioned sample:

Remarks: .....................................................................................................................................

***Sample code: ................***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Detected**  **analytes** | **Nature of screening result**  **(please tick)** | | | **Concentration**  **(single values)**  **(µg/kg)** |
| estimated | semi-quantitative | quantitative |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

The presence of ANTH, COCC, NSAIDs could not be confirmed in the above mentioned sample:

Remarks: .....................................................................................................................................

**How do you confirm a positive screening result?**

**Method: …………………………………………………………**

**Laboratory: …………………………………………………………**