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 |  |  |  |  |  |
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| **Internal Standards** |  |  |  |  |  |
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**Source of Standards: ..……………………………………………………………………..**

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**Calibration:** External calibration (solvent) [ ]

 single-level: [ ]

 multi-level: [ ]

 Matrix calibration [ ]

 single-level: [ ]

 multi-level: [ ]

 Calibration with IS [ ]

 Standard addition [ ]

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

 ………………………………………………………………………..

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

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

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