

EN

ANNEX

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| Identification number of the additive | Name of the additive | Composition, chemical formula, description, analytical method | Species or category of animal | Maximum age | Minimum content | Maximum content | Other provisions | End of period of authorisation |
|---|----------------------|--|-------------------------------|-------------|---|-----------------|--|--------------------------------|
| | | | | | mg/kg of complete feed with a moisture content of 12% | | | |
| Category: Sensory additives. Functional group: Flavouring compounds | | | | | | | | |
| 2b392 | L-cystine | Additive composition: L-cystine Solid form Characterisation of the active substance: L-cystine produced with <i>Escherichia coli</i> DSM 34232 IUPAC name: (2R)-2-Amino-3-[[[(2R)-2-amino-2-carboxyethyl]disulfanyl]propanoic acid Chemical formula:C ₆ H ₁₂ N ₂ O ₄ S ₂ CAS number: 56-89-3 FLAVIS number: 17.006 Purity: minimum 98,5 % on a dry matter basis. | All animal species | | | | <div><div>1.</div><div>The additive shall be incorporated into the feed in the form of a premixture.</div><div>2.</div><div>In the directions for use of the additive and premixtures, the storage conditions and the stability to heat treatment shall be indicated.</div><div>3.</div><div>On the label of the additive the following shall be indicated: ‘Recommended maximum content of the active substance of complete feed with a moisture content of 12 %: 25 mg/kg.’</div><div>4.</div><div>The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the premixture where the use</div></div> <div>[10 years from the date of entry into force of this Regulation. To be completed by the Service responsible for the publication]</div> | |

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|---|----------------------|---|-------------------------------|-------------|---|-----------------|--|--------------------------------|
| | | | | | mg/kg of complete feed with a moisture content of 12% | | | |
| Category: Sensory additives. Functional group: Flavouring compounds | | | | | | | | |
| | | <p>Analytical methods¹:</p> <p>For the identification of L-cystine in the feed additive:</p> <ul style="list-style-type: none">– Food Chemical Codex “L-cystine monograph” <p>For the determination of cystine in the feed additive:</p> <ul style="list-style-type: none">– Ion-exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS/FLD). <p>For the determination of cystine in premixtures:</p> <ul style="list-style-type: none">– Ion-exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS).– Commission Regulation (EC) No 152/2009 or – Ion-exchange chromatography coupled with post-column derivatisation and optical detection (IEC-VIS/FLD). | | | | | level on the label of the premixture would result in exceeding the content referred to in point 3. | |

¹ Details of the analytical methods are available at the following address of the Reference Laboratory: https://joint-research-centre.ec.europa.eu/eurl-fa-eurl-feed-additives/eurl-fa-authorisation/eurl-fa-evaluation-reports_en