

**List of CEN, EN and ISO methods for the analysis of plant toxins in food and feed.  
(revision December 2022)**

<b>Matrix</b>	<b>Plant toxins</b>	<b>Method</b>	<b>Description</b>
Oilseeds	Erucic acid	<a href="#">UNI EN ISO 17059:2019</a>	<b>Oilseeds</b> - Oil extraction and preparation of triglyceride fatty acid methyl esters for analysis by gas chromatography (Fast method)
Animal feed	Hydrogen cyanide	<a href="#">EN 16160:2012</a>	<b>Animal feedingstuffs</b> - Determination of hydrocyanic acid by HPLC
Animal feed, hay, alfalfa and grass silage	Pyrrrolizidine alkaloids	<a href="#">prEN 17683:2021</a>	<b>Animal feedingstuffs</b> - Methods of sampling and analysis - Determination of pyrrolizidine alkaloids in animal feed by LC-MS/MS.
Animal feed	Gossypol	<a href="#">EN 17504:2022</a>	<b>Animal feedingstuffs</b> - Sampling and analytical methods - Determination of gossypol in cottonseed and animal feed by LC-MS/MS
Raw materials and compound feeds	Ergocornine, ergocorninine, ergocristinine, ergocristinine $\alpha$ -ergocriptine, $\alpha$ -ergocriptinine, ergometrine, ergometrinine, ergosine, ergotamine, ergotaminine, atropine, scopolamine	<a href="#">EN 17256:2019</a>	<b>Animal feedingstuffs</b> - Methods of sampling and analysis - Determination of ergot and tropane alkaloids in feed materials and compound feed by LC-MS/MS.