

Method of Analysis for Maxidant

HPLC Method:

“Determination of ethoxyquin, propyl gallate, butyl hydroxyanisole and butyl hydroxytoluene using the HPLC in-house method

1 Name of the method Determination of ethoxyquin, propyl gallate, butyl hydroxyanisole (BHA) and butyl hydroxytoluene (BHT) with HPLC

2 Brief description of the method (principle) The analyses are extracted from the test material with a solvent mixture of acetonitrile and dilute acetic acid. The extract obtained in this way and possibly diluted is separated by means of reverse phase HPLC. The detection and determination of the substances is carried out by means of fluorescence and UV detection.

3 Scope / Scope The method is used to determine the content of the antioxidants ethoxyquin, propyl gallate, butyl hydroxyanisole (BHA) and / or butyl hydroxytoluene (BHT) in pure substances, in premixes as well as in food and feed.”