

FINDINGS OF DATA ANALYSIS

RESIDUES OF PHYTOSANITARY SUBSTANCES IN ORGANIC PRODUCTS



2019 sampling year
2022 data analysis



Unprocessed and
processed ingredients



19,256 samples



10 companies



Sampling point:
pre-processing and
processing



QuEChERS and DFG S19-
based methods, completed
by methods targeting
specific residues' families



Risk-based sampling
strategy



3,652

19 %

contained quantifiable residues
of non-authorized substances



3,214

88 %

above 0.01 Mg/Kg



2,665

73 %

related to Multiple
Source Substances*:



Top 6
searched
substances

Fosetyl/Phosphonic
acid*, Chlorate*,
Glyphosate,
Dithiocarbamates*,
Bromide*, QAC's *

*Multiple Source Substances can originate from different input sources. Their occurrence can be the result of their use as active ingredients in pesticides, but they may also be food constituents, plant ingredients, additives, contaminants, natural salts etc.