

# PESTICIDE RESIDUE PACKAGE TESTING (MATRIX)

Matrices include fruits, vegetables, teas, herbs, spices, grains, oilseeds, nuts, soil and plant tissue.

## PESTICIDE SCREENS

- Pesticide Complete Mega Profile (550 pesticides)
- Pesticide Expanded Profile (400 pesticides)
- Pesticide Basic Profile (300 pesticides)
- FDA Organochloride Profile (110 pesticides)
- FDA Organonitrogen Profile (100 pesticides)
- FDA Organophosphate Pesticides (620 pesticides)
- FDA Carbamate Pesticides (30 pesticides)
- Pyrethroids Profile (32 pesticides)
- Pyrethrins (6 isomers pesticides)
- USDA Organic Profile
- Pesticides in herbs & spices (basic, expanded, and complete mega profiles)
- Clethodim screen: (Vegetation)
  - Clethodim Sulfoxidea, Clethodim Sulfonea
- Imidazole screen: (Soil, vegetation, water)
  - Imazamox<sup>a</sup>
  - Imazapic<sup>a</sup>
  - Imazapyr<sup>a</sup>
  - Imazaquin<sup>a</sup>
  - Imazethapyr<sup>a</sup>
- Neutral herbicide screens:
- Soil neutral screen: (Soil or water)
  - Acetochlor<sup>a</sup>
  - Atrazine<sup>a</sup>
  - Metolachlor<sup>a</sup>
  - Pendimethalin<sup>a</sup>
  - Trifluralin<sup>a</sup>
- Foliage screen: (Vegetation)
  - Acetochlor<sup>a</sup>
  - Atrazine<sup>a</sup>
  - Metolachlor<sup>a</sup>
- Additional compounds can be added to above screens:
  - Alachlor
  - Bromacil
  - Butylate
  - Clomazone
  - Cyanazine
  - Dimethenamid
  - Diuron
  - Ethalfluralin
  - EPTC
  - Metribuzin
  - Pendimethalin
  - Prodiamine
  - Prometon
  - Propachlor
  - Trifluralin
  - Simazine

Plant growth regulators (Soil, vegetation, water)

PGR screen:

- 2,4-D<sup>a</sup>
- Clopyralid<sup>a</sup>
- Dicamba<sup>a</sup>
- MCPA<sup>a</sup>
- Picloram<sup>a</sup>

Additional compounds can be added to above screen:

- Bentazon
- Bromoxynil
- Fluroxypyr
- MCPP
- Pyrasulfotole
- Quinclorac
- Triclopyr

Sulfonylureas (Soil, vegetation, water)

- Chlorimuron ethyl
- Chlorsulfuron
- Foramsulfuron
- Halosulfuron methyl
- Iodosulfuron
- Mesosulfuron methyl
- Metsulfuron methyl
- Nicosulfuron
- Primisulfuron methyl
- Prosulfuron
- Rimsulfuron
- Sulfometuron methyl
- Sulfosulfuron
- Thifensulfuron methyl
- Triasulfuron Triflusulfuron
- Tribenuron methyl

<sup>a</sup> Pesticides are reported for this screen. Others can be added to package if requested.

## INDIVIDUAL ANALYTES (MATRIX)

- Aminopyralid (Soil, vegetation)
- Cloransulam (Soil, vegetation, water)
- Fenoxaprop Ethyl (Soil, vegetation, water)
- Florasulam (Soil, vegetation, water)


- Flumetsulam (Soil, vegetation, water)
- Flumioxazin (Soil, vegetation, water)
- Fluxapyroxad
- Fomesafen (Soil, vegetation, water)
- Glufosinate (Soil, vegetation, water)
- Glyphosate (Soil, vegetation)
- Isoxaflutole (Foliage)
- Mesotrione (Soil, vegetation, water)
- Pyroxasulfone
- Pyroxulam (Soil, vegetation, water)
- Quizalafop Ethyl (Soil, vegetation, water)
- Saflufenacil (Soil)
- Sulfentrazone (Soil, vegetation, water)
- Tembotrione (Soil)
- Topramazone

For a comprehensive list of pesticides in each screen, consult our all-inclusive pesticide screens brochure.

Turnaround time is 10 business days. Required sample size is about 300-500 g for plant tissue and soil.

Call 605-692-7611 or email [analytical.brookings@sgs.com](mailto:analytical.brookings@sgs.com) for additional information on methods, pricing, and sample submission.

## CONTACT US

 605-692-7611

 [analytical.brookings@sgs.com](mailto:analytical.brookings@sgs.com)

 [SGS Agriculture & Food](#)

