

List of chemical tests in foodstuffs, and associated contact details, available in this laboratory:

<i>Test</i>	<i>Laboratory contact</i>	<i>Laboratory Contact</i>
Contaminants		
<i>Mycotoxins</i>		
Aflatoxin B1	Mr. Liam Dolan.	
Aflatoxin B2	Mr. Liam Dolan.	
Aflatoxin G1	Mr. Liam Dolan.	
Aflatoxin G2	Mr. Liam Dolan.	
Total Aflatoxins	Mr. Liam Dolan.	
Aflatoxin M1	Dr. John Keegan	Mr. Patrick English
Ochratoxin A	Dr. John Keegan	Mr. Patrick English
Patulin	Mr. Liam Dolan.	
Zearalenone	Dr. John Keegan	Mr. Patrick English
Fumonisin B1	Dr. John Keegan	Mr. Patrick English
Fumonisin B2	Dr. John Keegan	Mr. Patrick English
Trichothecenes T-2 and HT-2	Dr. John Keegan	Mr. Patrick English
Cyclopiazonic acid	Dr. John Keegan	Mr. Patrick English
Sterigmatocystin	Dr. John Keegan	Mr. Patrick English
<i>Heavy metals</i>	Dr. Terence McEvoy	Dr. Ian Nesbitt
Mercury	Dr. Terence McEvoy	Dr. Ian Nesbitt
Arsenic	Dr. Terence McEvoy	Dr. Ian Nesbitt
Cadmium	Dr. Terence McEvoy	Dr. Ian Nesbitt
Lead	Dr. Terence McEvoy	Dr. Ian Nesbitt
<i>Process contaminants</i>		
Acrylamide	Mr. Liam Dolan	
Nitrate	Dr. Liz Horne	Ms. Niamh Murphy
Tin	Dr. Terence McEvoy	Dr. Ian Nesbitt
Furan	Mr. Liam Dolan	
<i>Polycyclic Aromatic Hydrocarbons (PAHs):</i>	Mr. Chris Griffin	
Benz[a]anthracene		
Cyclopenta[cd]pyrene		
Chrysene		
5-Methylchrysene		
Benzo[b]fluoranthene		
Benzo[j]fluoranthene		
Benzo[k]fluoranthene		
Benzo[a]pyrene		

Indeno[1,2,3-cd]pyrene		
Dibenz[a,h]anthracene		
Benzo[ghi]perylene		
Dibenzo[a,l]pyrene		
Dibenzo[a,e]pyrene		
Dibenzo[a,i]pyrene		
Dibenzo[a,h]pyrene		
Safrole	Mr. Liam Dolan	
Iso-Safrole	Mr. Liam Dolan	
Food additives		
Sulphur Dioxide	Dr. Liz Horne	Ms. Niamh Murphy
Sodium Nitrate	Dr. Liz Horne	Ms. Niamh Murphy
Sodium Nitrite	Dr. Liz Horne	Ms. Niamh Murphy
Benzoic Acid	Dr. Liz Horne	Ms. Niamh Murphy
Sorbic Acid	Dr. Liz Horne	Ms. Niamh Murphy
Aspartame	Dr. Liz Horne	Ms. Niamh Murphy
Acesulfame K	Dr. Liz Horne	Ms. Niamh Murphy
Saccharin	Dr. Liz Horne	Ms. Niamh Murphy
Sucralose	Dr. John Keegan	Mr. Patrick English
<i>Artificial colours</i>	Dr. Liz Horne	Ms. Niamh Murphy
Quinoline Yellow		
Sunset Yellow		
Carmoisine		
Tartrazine		
Allura Red		
Ponceau 4R		
Erythrosine		
Brilliant Blue		
Red 2G		
Green S		
Indigo Carmine		
Patent Blue		
<i>Antioxidants</i>	Mr. Liam Dolan	
BHA		
BHT		
TBHQ		
Propyl gallate		
Octyl gallate		
Dodecyl gallate		
Monosodium glutamate	Dr. John Keegan	Mr. Patrick English

Caffeine	Dr. John Keegan	Mr. Patrick English
Taurine	Dr. John Keegan	Mr. Patrick English
Glucuronolactone	Dr. John Keegan	Mr. Patrick English
Carbon monoxide	Mr. Liam Dolan	
Compositional / Quality		
Alcohol by Vol (Apparent Strength)	Dr. Liz Horne	Ms. Niamh Murphy
Alcohol by Volume (Actual Strength)	Dr. Liz Horne	Ms. Niamh Murphy
Acid value	Dr. Liz Horne	Ms. Niamh Murphy
Peroxide Value	Dr. Liz Horne	Ms. Niamh Murphy
Moisture	Dr. Liz Horne	Ms. Niamh Murphy
Fat	Dr. Liz Horne	Ms. Niamh Murphy
Protein	Dr. Liz Horne	Ms. Niamh Murphy
Fructose	Dr. John Keegan	Mr. Patrick English
Glucose	Dr. John Keegan	Mr. Patrick English
Sucrose	Dr. John Keegan	Mr. Patrick English
Vitamin C	Dr. John Keegan	Mr. Patrick English
Calcium	Dr. Terence McEvoy	Dr. Ian Nesbitt
Chromium	Dr. Terence McEvoy	Dr. Ian Nesbitt
Copper	Dr. Terence McEvoy	Dr. Ian Nesbitt
Iron	Dr. Terence McEvoy	Dr. Ian Nesbitt
Magnesium	Dr. Terence McEvoy	Dr. Ian Nesbitt
Manganese	Dr. Terence McEvoy	Dr. Ian Nesbitt
Potassium	Dr. Terence McEvoy	Dr. Ian Nesbitt
Selenium	Dr. Terence McEvoy	Dr. Ian Nesbitt
Silver	Dr. Terence McEvoy	Dr. Ian Nesbitt
Sodium	Dr. Terence McEvoy	Dr. Ian Nesbitt
Zinc	Dr. Terence McEvoy	Dr. Ian Nesbitt
5-Hydroxymethylfurfural (HMF)	Dr. John Keegan	Dr. Ian Nesbitt
pH	Dr. Liz Horne	Ms. Niamh Murphy
Methanol	Mr. Liam Dolan	
Ethyl Acetate	Mr. Liam Dolan	
Acetal	Mr. Liam Dolan	
<i>iso</i> -Butanol	Mr. Liam Dolan	
Ash weight	Mr. Liam Dolan	
<i>n</i> -Propanol	Mr. Liam Dolan	
Dry weight	Dr. Liz Horne	Ms. Niamh Murphy
2-Methylbutan-1-ol	Mr. Liam Dolan	
3-Methylbutan-1-ol	Mr. Liam Dolan	
Allergens	Dr. Liz Horne	Ms. Niamh Murphy
Gluten		
Peanut content		
Egg content		

<i>Biogenic Amines</i>	Dr. John Keegan	Mr. Patrick English
Histamine		
Tyramine		
Putrescine		
Cadaverine		
Serotonin		
Tryptamine		
Phenylethylamine		
Agmatine		
Spermidine		
Spermine		
Food Contact Materials	Mr. Chris Griffin	
Sum of BADGE + hydrates		
Sum of BADGE chlorohydrins		
BFDGE		
Epoxidised soybean oil (ESBO)		
2-Ethylhexanoic acid		
Isopropyl thioxanthone (ITX)		
Semicarbazide	Dr. John Keegan	Mr. Patrick English
Extraction solvents	Mr. Liam Dolan	
Methanol		
Propan-2-ol		
Acetone		
Hexane		
Ethylmethylketone		
Methyl acetate		
Dichloromethane		
Nitrofurans	Dr. John Keegan	Mr. Patrick English
AOZ		
AMAZ		
AHD		
Semicarbazide		