

Drug analysis

Drug analysis refers to the use of physical, chemical or biological methods to test and analyze different dosage forms of drugs to determine whether they meet the quality standards. Drug analytical plays an important role in the drug development process and GMP manufacturing, because it can determine whether the drug is safe and meets the regulatory requirements, and ensuring the final drug quality.



At **Formulationbio**, our laboratory is cGMP-compliant and equipped with state of the art analytical instruments, and our research team not only have the expertise to handle the most complex drug analytical, but also have a depth of experience in the pharmaceutical industry and contract service organizations. **Formulationbio** can provide you with a comprehensive range of drug analytical services, whether your samples are solids, semi-solid, liquids or gases. In addition, we are also able to develop tailored methods of the drug analytical that will meet your specific needs.

Disintegration Test	Dissolution Test	Tablet Hardness Test
Tablet Fragility Test	Elemental Impurities Analysis	Residual Solvents Test
Dosage Units Uniformity Test	Bioavailability/ Bioequivalence Detection	Microbial Limits Test
Particulate Matter Test	Extractables & Leachables Test	

Our Analytical Services

Analytical Techniques

High performance liquid chromatography (HPLC)	Ultra-high performance liquid chromatography (UPLC)
Gas chromatography (GC)	Gas chromatography–mass spectrometry (GC-MS)
Liquid chromatography/mass spectrometry	LC-MS and LC-MS/MS
Atomic absorption spectroscopy (AAS)	UV/Vis spectroscopy
Fourier transform infrared (FTIR) spectroscopy	Capillary electrophoresis (CE)
Karl Fischer titration	Inductively coupled plasma (ICP-OES, ICP-MS)
Nuclear magnetic resonance	Differential scanning calorimetry
Thermogravimetric analysis	

Our Advantages

How to Contact Us?

If you have a requirement about drug analytical services, please contact us by phone or email, our colleagues will reply to you within three working days.