

Analytical Testing for Cell Culture Media

With more than 100 years of combined analytical experience and state-of-the-art instruments, IsleChem has been serving the pharmaceutical industry since 2002. The recent acquisition by Aceto also allows IsleChem to access Aceto's subject matter expertise resulted from years of sourcing and manufacturing pharmaceutical ingredients/intermediates.

We are proud to be a trusted partner of our customers and support them in overflow work and specialized testing for which they don't have the capability to conduct in-house. Industry-leading turnaround time, flawless execution, accurate and reliable data are the main reasons why customers choose us.

We offer comprehensive testing for chemical characterization of raw materials, pharma ingredients and intermediates.

Amino Acid Analyzer

High Performance Liquid Chromatography (HPLC) and Liquid Chromatography-Mass Spectrometry (LC-MS)

Gas Chromatography (GC) and Gas Chromatography-Mass Spectrometry (GC-MS)

Inductively Coupled Plasma-Atomic Emission Spectroscopy

Specific Optical Rotation

Wet Chemistry

Plastic packaging system

Fourier Transform Infrared (FTIR)

X-Ray Diffraction (XRD)

Full Compendial Testing

Monograph testing on components used in cell culture media (USP/NF, EP, JP, BP). Typical test can include:

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|-----------------------|----------------------|
| • ID-A / ID-B | • Specific Rotation |
| • Assay | • Melting Point |
| • Appearance | • Solubility |
| • Loss on Drying | • Acidity |
| • Residue on Ignition | • pH |
| • Related Impurities | • Elemental analysis |

Stability Study on Formulated Products and Raw Materials

- Material degradation
- Shelf-life evaluation
- Packaging integrity evaluation

Product-related Impurity Characterization

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