

Product Description

MSMLS™ (Mass Spectrometry Metabolite Library of Standards) is a collection of high quality small biochemical molecules that span a broad range of primary metabolism. These are high purity (>95%) compounds supplied in an economical, ready-to-use format.

The library of standards is most commonly used to provide retention times and spectra for key metabolic compounds, help optimize mass spectrometry analytical protocols, and qualify and quantify mass spectrometry sensitivity and limit of detection.

The software tool, MSMLSDiscovery™, is provided to support the extraction, manipulation, and storage of the data generated when using the MSMLS library of authentic metabolite standards.

Components

MSMLS contains over 600 unique small molecule metabolites, conveniently provided at 5 µg per well, enough for multiple injections, suitable for manual and automated workflow.

MSMLS compounds are arranged in 7 polypropylene plates with alphanumeric assigned positions.

MSMLS includes:

- 7 polypropylene plates with 96-deep well format; 1.2 mL, total volume per well; in combination with seals (MasterBlock®, Greiner #780215; VIEWseal™, Greiner #676070)
- 5 µg dried weight of each metabolite
- Plate map with product locations and descriptors including:
 - Name
 - SMILES formula
 - Molecular formula and weight
 - CAS Number
 - ChEBI ID
 - HMDB ID
 - PubChem Compound and Substance ID
- MSMLS Discovery software
- User Manual and video guide

For further information, please visit www.iroatech.com or write to us at info@iroatech.com