

Analyze IQ Ltd Announces Update Release,

Analyze IQ SmartSearch 4.0,

for Fast and Accurate Spectra Searching

Press Release, March 2015

(Galway, Ireland.) Analyze IQ Limited, producers of the world's most advanced spectroscopy analysis software, has announced the release of **Version 4.0** of **Analyze IQ SmartSearch**, the latest addition to their **Analyze IQ Software Suite**.

Analyze IQ SmartSearch allows you to search spectrum libraries **rapidly and accurately**, to identify best matches for unknown spectra and key **components of mixtures**. It enables you to answer "what is this?" questions easily and reliably, and provides useful supplementary data.

Analyze IQ SmartSearch provides accurate spectrum matching algorithms to allow you to identify a ranked set of spectra that are the closest matches for a spectrum of interest. It also provides techniques to identify the main components in mixtures. It includes a wide range of well-known comparison metrics, and the innovative new Spectral Euclidean Distance algorithm that has been developed for this product.

This latest version of **Analyze IQ SmartSearch** provides techniques for mixture analysis: it rapidly identifies the key components in the query spectrum that match spectra in the library, estimates the contributions of the components to the mixture, and shows residuals. Search your library to identify all main components of a query spectrum.

Analyze IQ SmartSearch is the ideal complement for **Analyze IQ Lab**, the world's most advanced chemometric modeling software.

Analyze IQ SmartSearch also integrates with **Analyze IQ Spectra Manager**, with which you can store and organize your valuable chemical spectra and associated information, and a unique feature of

Key features of **Analyze IQ SmartSearch**:

- High-speed searches with its efficient software design
- High quality mixture analysis to identify key components
- Wide range of spectrum comparison methods & pre-processing methods
- High-performing new Spectral Euclidean Distance comparison method
- Modern, clean, graphical user interface: easier to use than competing products
- Works with user-made libraries and third-party libraries in Spectra Manager format
- View relevant chemical information data from linked data sources on the web

About Analyze IQ Limited:

Analyze IQ provides the world's most advanced analysis software and services that enable commercial labs, academic researchers, and integrated system providers to rapidly and accurately analyze mixtures of chemicals. Our products are used in pharmaceutical, healthcare, petrochemical, law enforcement, academic and other organizations.

For further information about Analyze IQ's software products and services, visit www.AnalyzeIQ.com, or email enquiries@AnalyzeIQ.com, or phone 650-963-5764 (USA) or +353-91 395-900 (International)