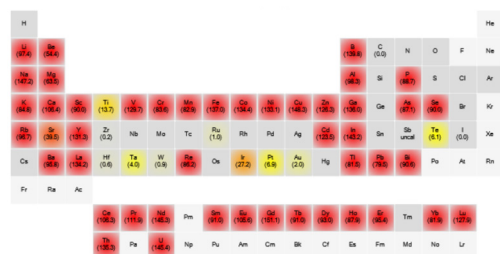


IntelliQuant for ICP-OES

Automatic full spectrum scan and simplified method development



IntelliQuant generates a heat map to visually represent the relative concentrations of elements present in a sample.

Cd	✓	214.439	*****	Analyte: Cd(228.802) Confidence: moderate Interference: As(228.812) Confidence: strong
		226.502	***	
		228.802	* ?	
		361.051	*	
		326.105	**	
		508.582	*	

IntelliQuant indicates the best analyte wavelength with a high star ranking and the green check mark. It also highlights suspected interferences on analyte wavelengths using a low star ranking. Potential spectral overlaps can be identified by hovering over the red question mark.

Get a quick approximation of the concentration of up to 70 elements per sample

The Agilent IntelliQuant* software feature is a smart tool that gives analysts more insight into their samples by calculating the approximate concentration (semiquantification) of up to 70 elements in a sample. It adds only seconds to a sample measurement and requires no calibration.

Features

- Collects the entire wavelength range from 167 to 785 nm in seconds, discovering every element in your sample.
- Has inbuilt calibrations for the three viewing modes of the Agilent ICP-OES: axial, radial, and synchronous vertical dual view.
- Has fast data visualization with results displayed in a color-coded periodic table heat map with the flexibility to filter results.

Benefits

- Semiquantitative data acquisition is completely automated with only seconds added to the sample to sample time.
- Allows the user to quickly determine the required concentration range for their samples.
- Automatically identifies spectral interferences in your sample, making wavelength selection much easier, simplifying method development.
- Reduce remeasurements using gained sample insights. IntelliQuant is like a QC on every sample.

Accuracy can be increased for complex matrices by creating matrix matched calibrations, using the Agilent multi-element calibration solutions.

For more information visit:

www.agilent.com/chem/5800icpoes

*Standard with the Agilent 5800 and 5900 ICP-OES systems and can also be used with older instrument models such as the 5100 and 5110.

This information is subject to change without notice.

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