

SmartNotes

How can you validate your Elemental Analyzer?

A lab performing element analysis needs to have an elemental analyzer that can be qualified. Qualification is a process aimed at evaluating and certifying the performance of the instrument. The process includes signing, dating and executing a set of qualifications.

The Thermo Scientific™ FlashSmart™ Elemental Analyzer and the Thermo Scientific™ EagerSmart™ Data Handling Software are qualified for the installation (Installation Qualification IQ) and operation (Operation Qualification OQ).

The Qualification Procedures are included in the Qualification Package of the FlashSmart Elemental Analyzer. They are:

- **IQ (Installation Qualification)**
- **OQ (Operational Qualification)**

QA



Figure 1. FlashSmart Elemental Analyzer.

The Qualification Package includes consumables, standards, adsorption filter and GC column for the selected configuration.

The Qualification Package folder is available for all configurations. According to the specific qualification needed, the dedicated kit is available for ordering.

The Qualification Package can be applied to the Thermo Scientific™ Flash EA Series, including Thermo Scientific™ MAS Autosampler Series, Thermo Scientific™ AS/AI 1310 Liquid Autosamplers and Data Handling Software systems.

The qualification process is carried out by a representative trained and certified by Thermo Fisher Scientific and includes completion of the qualification package.

A certificate will be issued upon completion of the validation process.

For the FlashSmart EA Qualification the following items are required:

Description	Part number
FlashSmart EA Qualification Package folder	199 10022
Qualification Kit:	
CHN	190 04280
CHNS	190 04285
Oxygen	190 04290
N org	190 04295
NC org	190 04300
N Lubricant	190 04360
NCS	190 04305
NC Soil	190 04310
N/Protein	190 04315
N Brew	190 04320
AI/AS 1310	190 04325

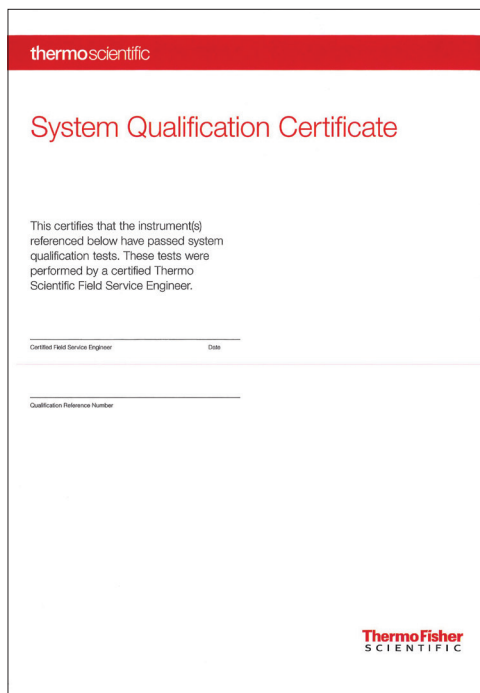


Figure 2. Certificate for the qualification process.

Find out more at thermofisher.com/OEA

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