

Key Word: Organic Material, Additive Element, FP Method, Balance Component

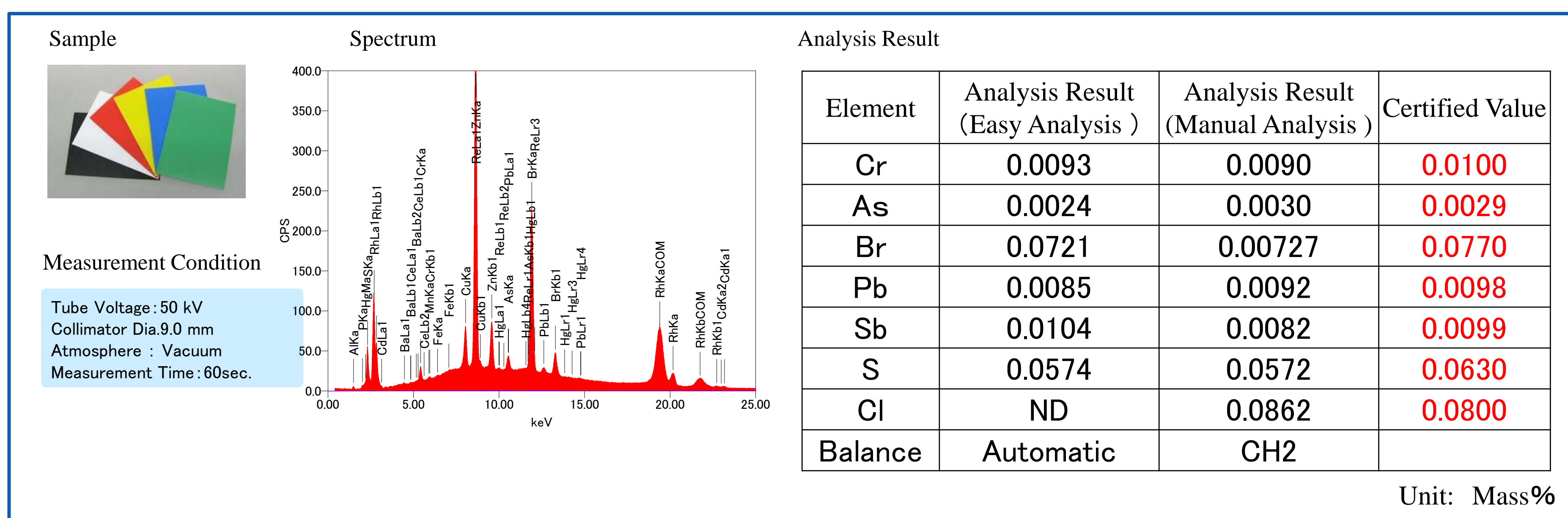
## Quantitative and Qualitative Analysis of Inorganic Elements in Plastic by FP Method

### ● Introduction

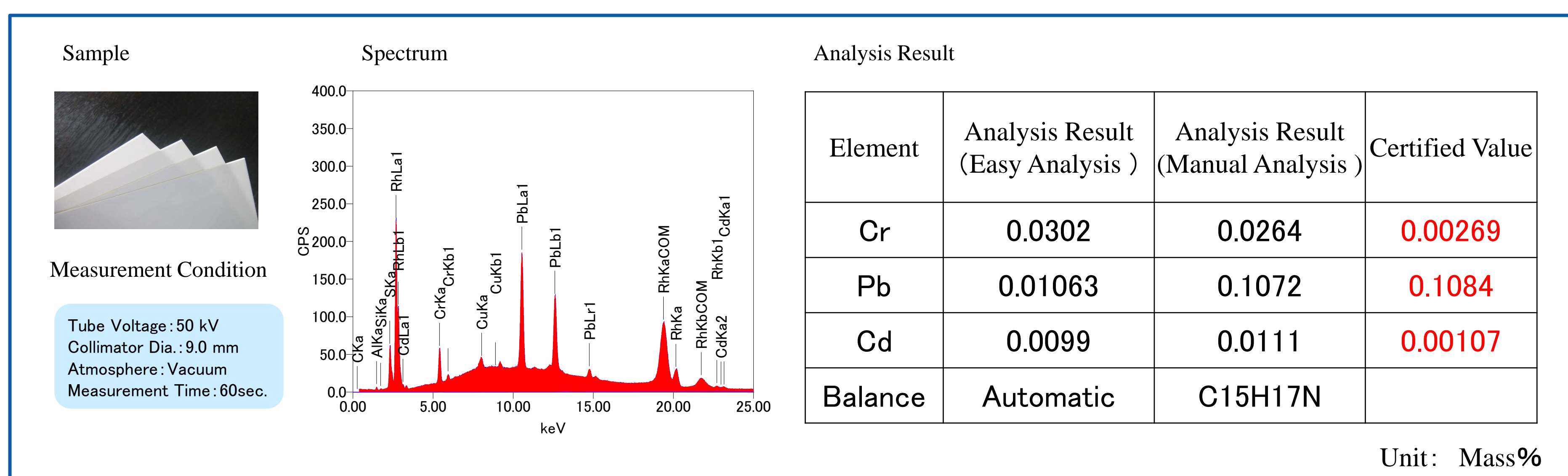
Organic materials such as plastics are composed of carbon, hydrogen, oxygen, and nitrogen, etc. Depending on the desired performance characteristics, various inorganic elements can be added. An X-ray Fluorescence Spectrometer is an instrument that enables easy qualitative and quantitative elemental analysis. In case of organic materials, carbon and hydrogen, etc. which are not directly detectable, are calculated as balance components. Here are examples using our 'Quick and Easy Analysis' solution for organic materials which provided automated analysis with setting the balance component at the touch of a button, and using the conventional manual analysis.

### ● Measurement Examples of Various Standard Samples

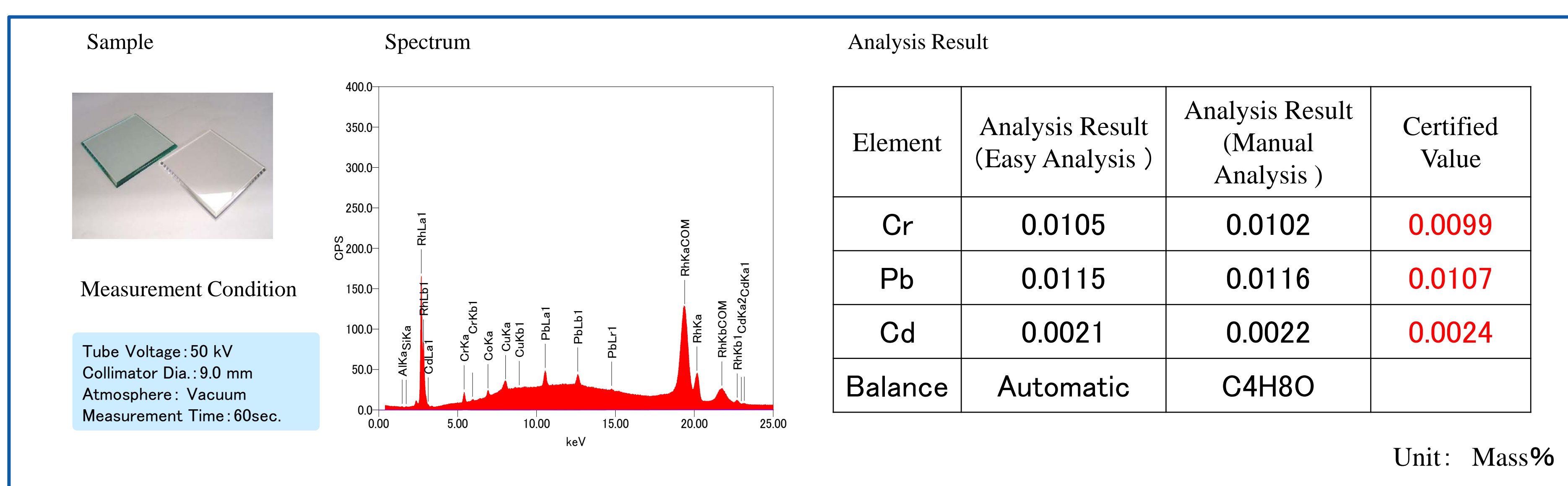
#### PE



#### ABS



#### PS



Access the QR codes below for more information on the EDXRF

◆ Overview →



◆ Mechanisms →

