

Key Word: Alloy, Elemental Analysis, FP Method

Qualitative and Quantitative Analysis of Metal Alloys by FP Method

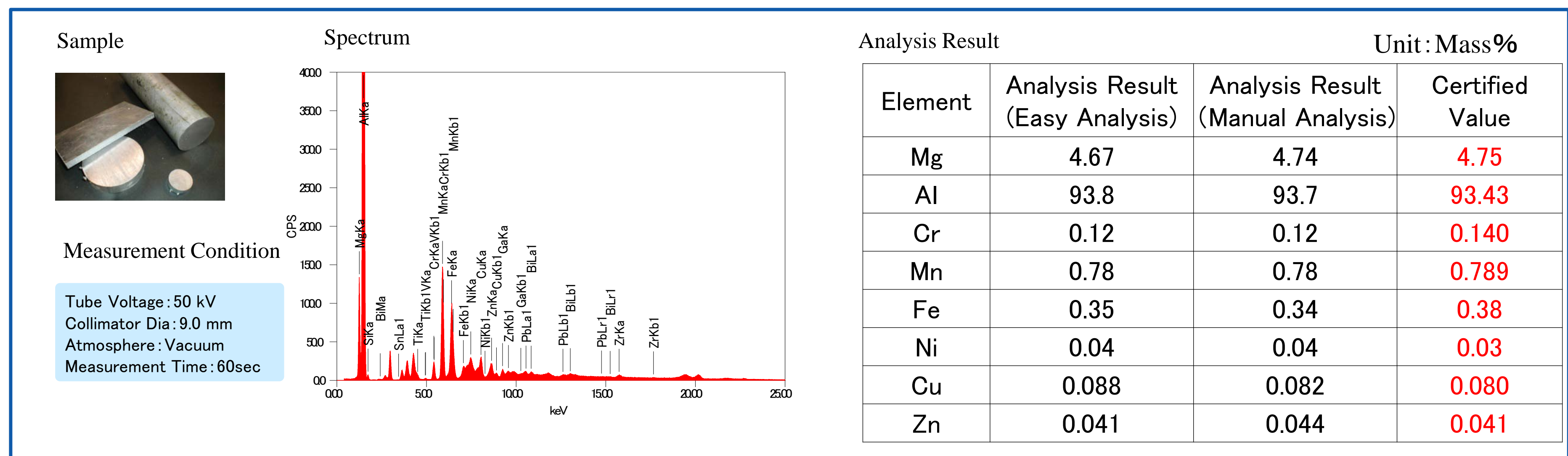
● Introduction

Understanding the composition of metal alloys plays an important role for product development, production and quality control. X-ray fluorescence is a widely accepted method for providing non-destructive qualitative and quantitative elemental analysis. JEOL's JSX-1000S benchtop EDXRF spectrometer includes 'Quick and Easy Analysis' solution for metal alloys that provides fast, high sensitivity, standardless analysis with the touch of a button.

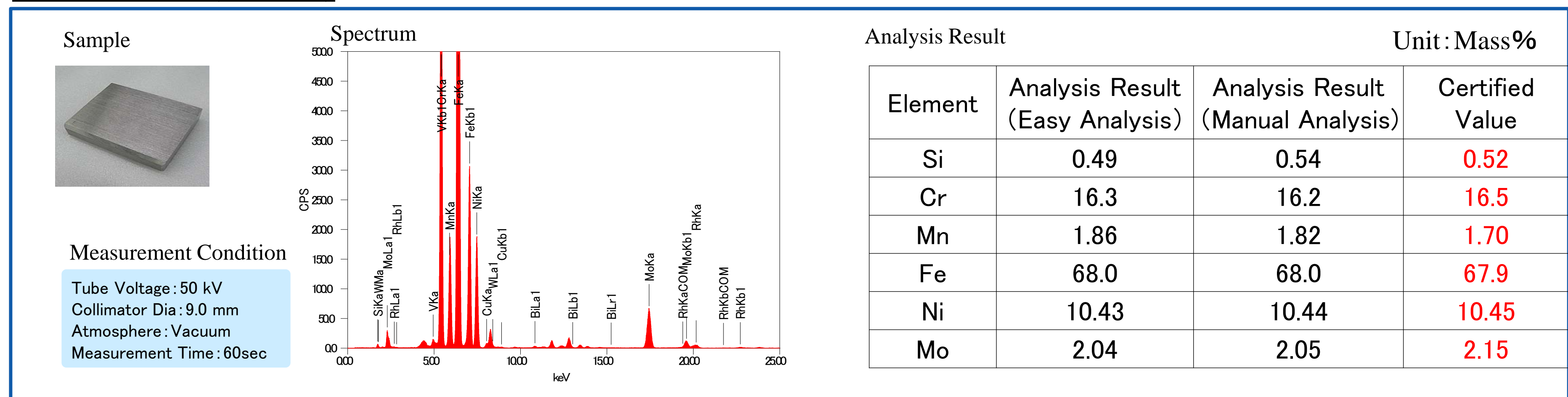
Several examples are shown below.

● Measurement Examples on Standard Samples

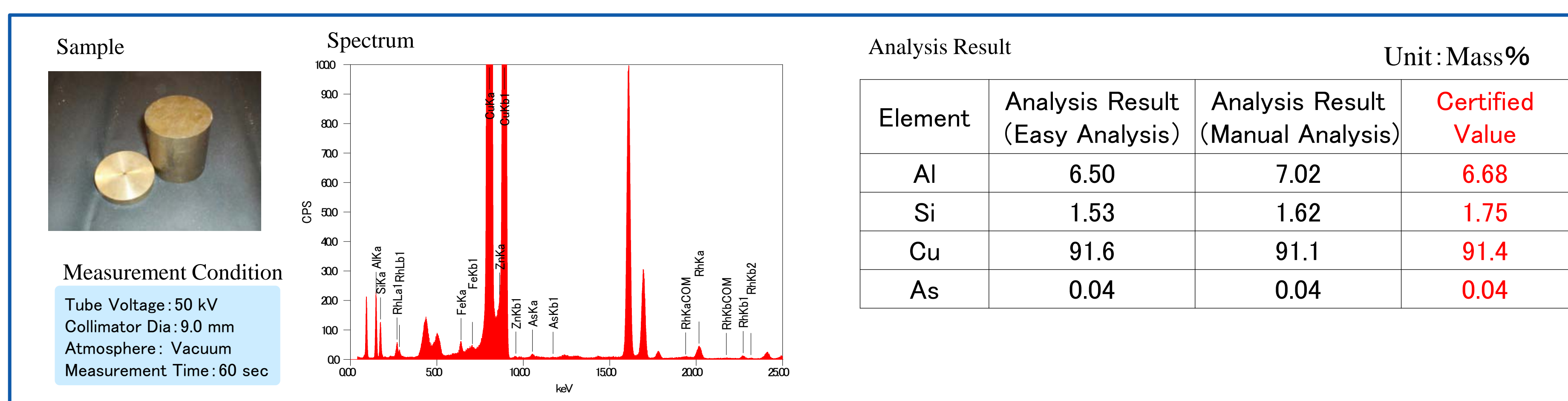
Aluminum Alloy(A5083)



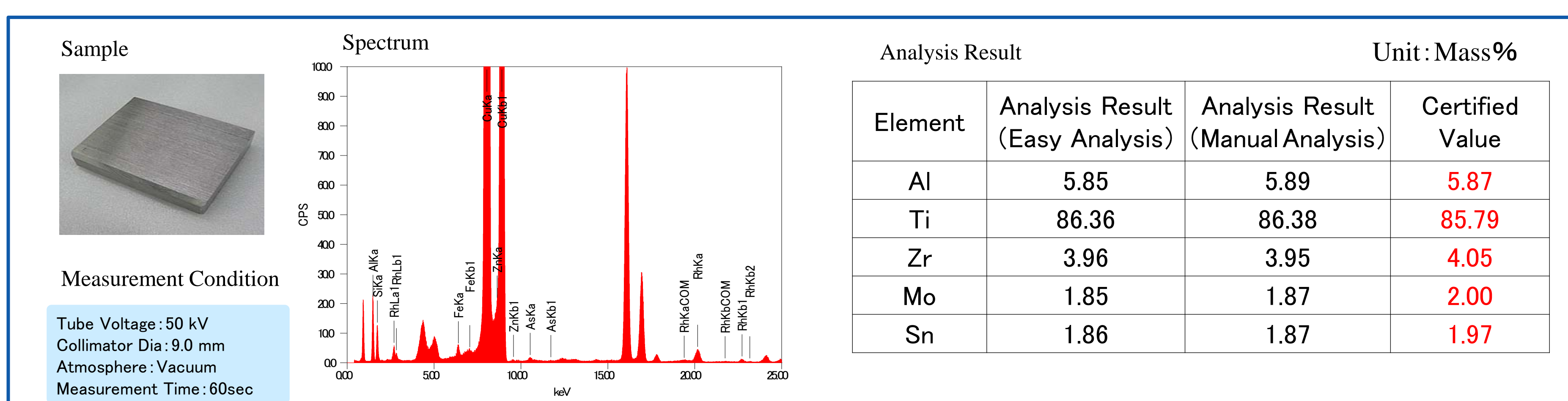
Stainless Steel (SUS316)



Copper Alloy(CDA642)



Titanium Alloy(TI6-2-4-2)



Access the QR codes below for more information on the EDXRF

◆ Overview →



◆ Mechanisms →

