S1. Cathodoluminescence, BSE images and representative mounts of the standards used in "Predicting instrumental mass fractionation (IMF) of stable isotope SIMS analyses by response surface methodology (RSM)" by Fàbrega, C., Parcerisa, D., Rossell, J.M., Gurenko, A. & Franke, C.

NOTES:

Image width of cathodoluminescence pictures represents about 2-4mm.

BSE pictures include scale.

Bright points of BSE images are residuals of the mount gold coating applied for SIMS.

1.Plagioclase standards:

Gstd0001, albite:

Gstd0002, albite:

Gstd0003, oligoclase:

Gstd0004, andesine-labradorite:

Gstd0005, labradorite:

Gstd0006, labradorite:

Gstd0008, bytownite:

Gstd0009, anorthite:

2.K-feldspar standards:

Gstd0010, orthoclase:

Gstd0011, microcline:

3.Quartz standard, Gstd0012:

4. Representative mounts:

Diameter: 25mm.

Thickness: 5mm.

Pattern_1:

Pattern_2:

Pattern_3: