a)

100 µm

Single Acquisition: 12mW, 45s X 5, 1800g

b)

diad 1

diad 2

Linescan: 12mW, 30s X 1, 1800g, 2.5 µm spacing

c)

d)

Mg-carbonate
(magnesite)

Mg-sulfate

e)

f)

g)

Intensity (counts)

Wavenumber (cm⁻¹)