

Sample Results Summary Sheet

Please return this form to the Curator for each allocated Sample

Sample ID: RA-QD02-0116

Type and date of analysis performed: major element analysis (SEM-EDS) [May 15-16, 2011], Raman spectrum analysis [Aug 8-14, 2011]

Elements or phases identified: major phase: low-Ca pyroxene; minor phase: olivine, plagioclase, K-feldspar, Ca-phosphate, glass; peculiar phase: merrillite

Contaminant phases identified: No

Sample handling: exposed in atmosphere, glued by glycol phthalate, coated C

State of sample pre-analysis: atmosphere, glued, C-coated

State of sample post-analysis: atmosphere, glued, C-coated

Analysis data Notes: This sample is a fragment (original size: 50×40 μm) consists of low-Ca pyroxene; only surface observations with SEM-EDS analysis were undertaken. Ratio of Fe/Mg in low-Ca pyroxene falls within the range for LL-ordinary chondrites. See details in Nakamura et al. (2012)'s "grain D".