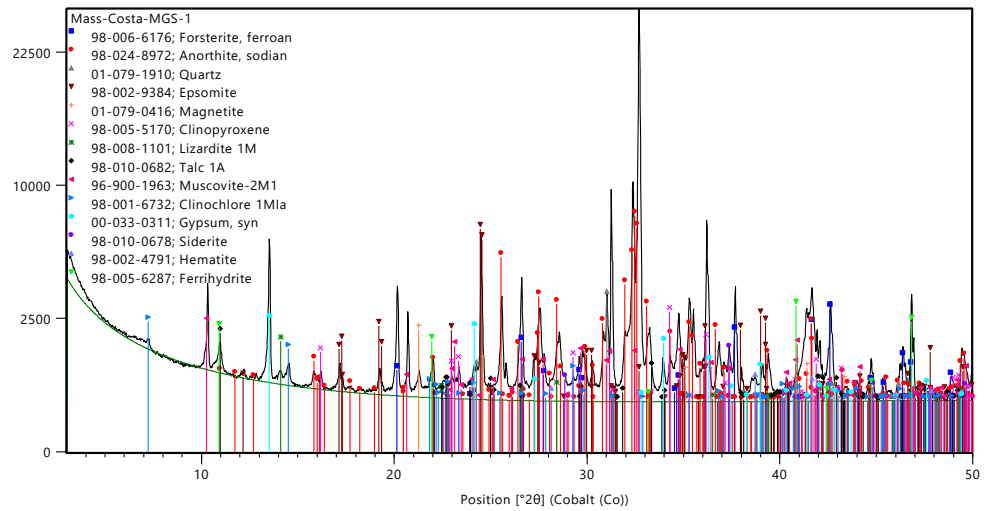


Martian simulant: MGS-1

Qualitative analysis:

Components
olivine
plagioclase
quartz
Mg-sulphate (epsomite)
clinopyroxene
serpentine
Talc
mica
chlorite
gypsum
siderite
hematite
ferrihydrite



Quantitative analysis:

Components	Amount (%)
olivine	17.0
plagioclase	32.4
quartz	3.5
magnetite	2.5
clinopyroxene	9.0
orthopyroxene	14.2
serpentine	0.8
talc	2.7
mica	2.0
chlorite	1.8
gypsum	0.4
siderite	1.2
hematite	0.8
amphibole	0.9
calcite	0.5
amorphous	10.3

