

ANALYSIS REPORT



Issued by: ALS Scandinavia Luleå, Aurorum 10, SE-977 75 LULEÅ, Sweden
Client: Synthesit Swiss SA
Date of receipt: 2024-04-16
Date of analysis: 2024-04-23
Order number(our): LE2406210
Your reference: Lisa Petzold
Our reference: Cora Paulukat

Lab number(our) LE2406210-001

Sample name Ferrous citrite

	‰	2SD ‰
$\delta^{56}\text{Fe}$	0.186	0.093
$\delta^{57/54}\text{Fe}$	0.279	0.093
$\delta^{58/54}\text{Fe}$	0.372	0.093

	Atomic %	RSD %
^{54}Fe (%)	4.1053	0.0008
^{56}Fe (%)	93.2777	0.0187
^{57}Fe (%)	2.3305	0.0005
^{58}Fe (%)	0.2865	0.0001

Comments

The analysis is carried out by MC-ICP-MS (NEPTUNE PLUS, ThermoScientific) using internal standartization and external calibration with bracketing isotope SRMs

SD calculated from two independent consequintive measurements

Delta values for Fe calculated against IRMM-014 CRM

Signature

Cora Paulukat

Chemist

ALS Scandinavia AB