

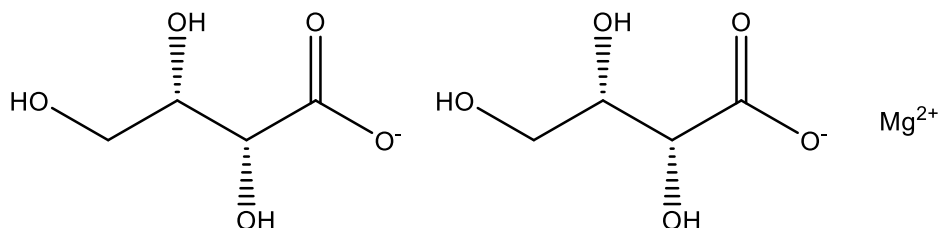


Test Report

Sample name: Magnesium L-Threonate
Client: Hansen Sp. z o.o., ul. Zaborowska 8, 05-083 Zaborów, Poland
Purpose of test: Verification of delivered product
Sample description: Magnesium L-Threonate
Brand name: Hansen Supplements

Description of substance:

Sample size: 10g
Property: White powder
Formula: C₈H₁₄MgO₁₀
CAS number: 778571-57-6
Structure:



Batch No.: -
Date received: 07.08.2021
Test items: Identification of substance, purity, heavy metals
Summary: The sample has been identified and found to be of high quality
Measured purity: **Above 98%** according to ¹H NMR as well as ¹³C analyses.
Appropriate spectra are shown in Fig. 1 and 2.
Authentication method: Standard and literature https://hmdb.ca/spectra/nmr_one_d/145893
and ACDLABS database.

All values are within the relevant standards

Heavy metals: n.d.
Pb (Lead): n.d.

Hg (Mercury): n.d.

Cd (Cadmium): n.d.

As (Arsen): n.d.

Comments:

n.d. – not detected, below limit of detection on AAS spectr AA240FS + AA240Z + GTA120

Date: 12.08.2021

Tested by: Antoni Szumny

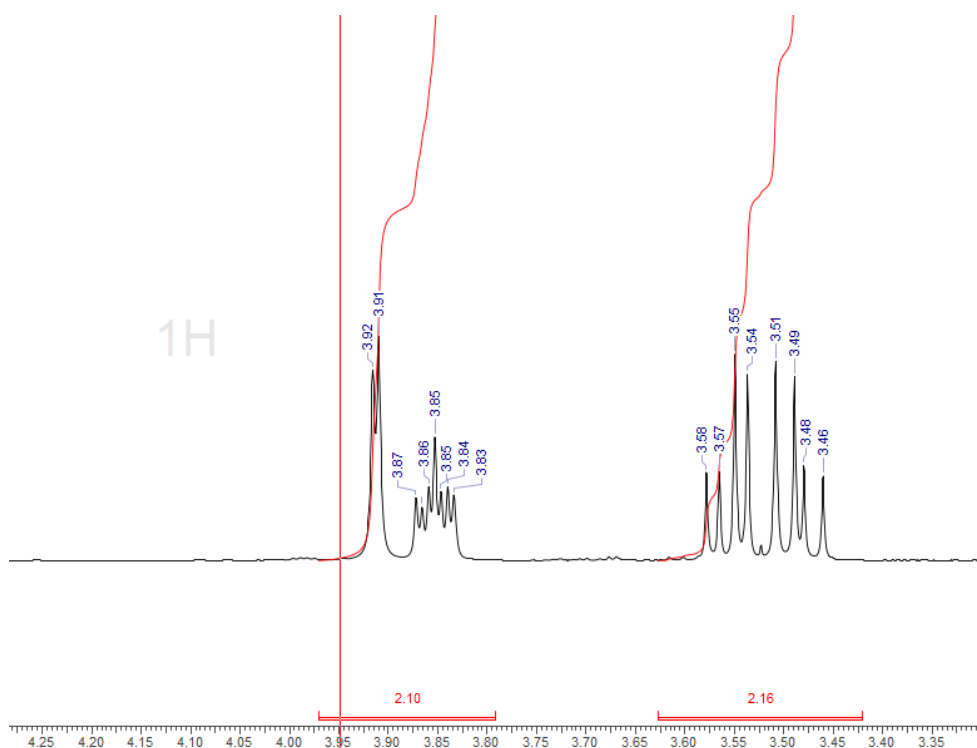


Figure 1. ^1H spectrum of magnesium L-Threonate in D_2O

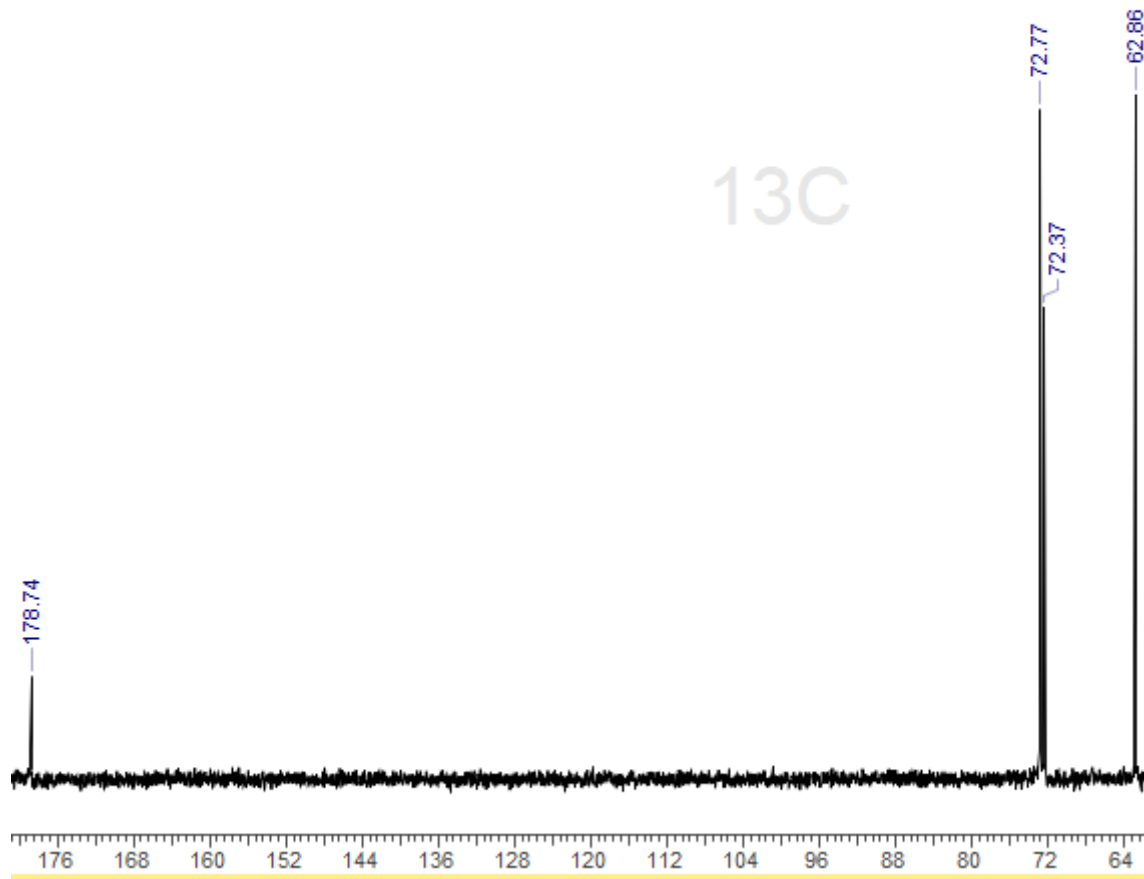


Figure 2. ^{13}C spectrum of magnesium threonate in D_2O

12.08.2021 Antoni Szumny