


„Kauza“ Nature Communications

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Article | [Open Access](#) | Published: 15 September 2016

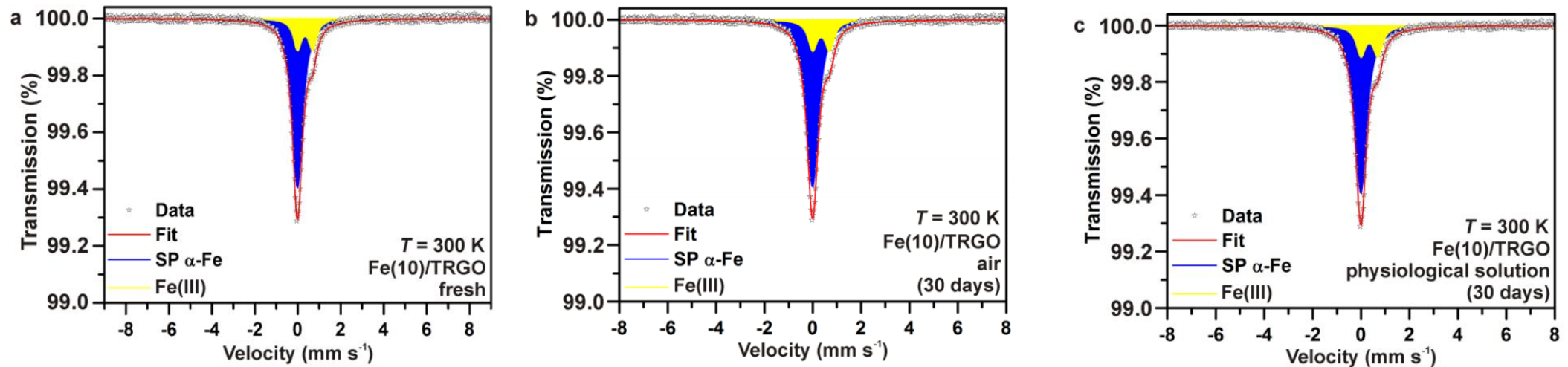
Air-stable superparamagnetic metal nanoparticles entrapped in graphene oxide matrix

Jiří Tuček, Zdeněk Sofer, Daniel Bouša, Martin Pumera, Kateřina Holá, Aneta Malá, Kateřina Poláková, Markéta Havrdová, Klára Čépe, Ondřej Tomanec & Radek Zbořil 

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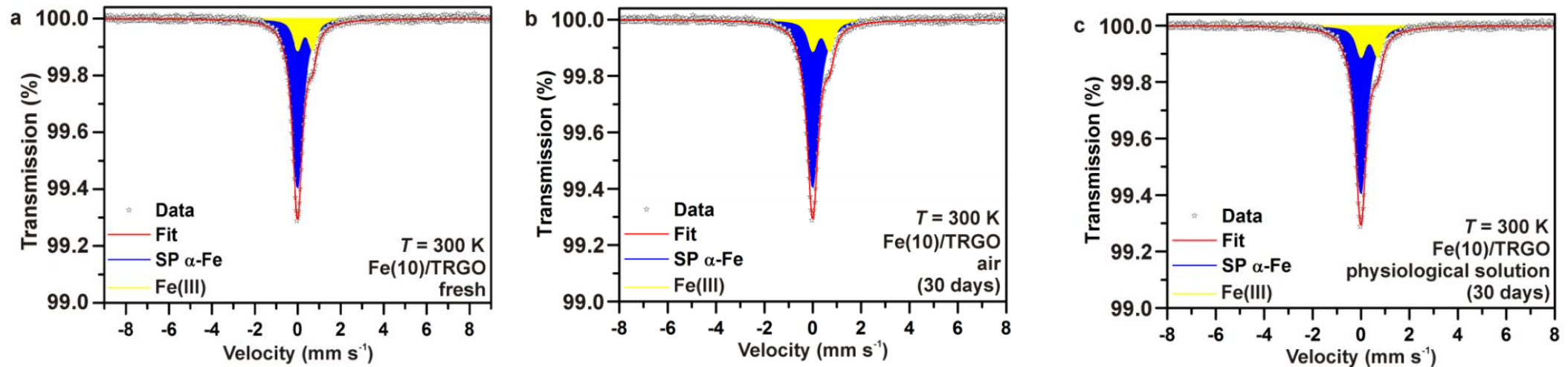
 An Author Correction to this article was published on 18 June 2019

Chybně vložená spektra v příloze článku



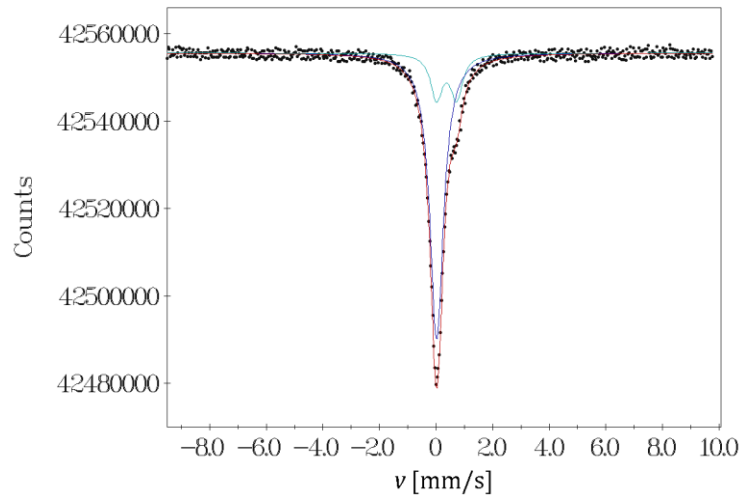
Sample	Component	$\delta \pm 0.01$ (mm s ⁻¹)	$\Delta E_Q \pm 0.01$ (mm s ⁻¹)	RA ± 1 (%)	Assignment
as-prepared	Singlet	0.00	0.00	79	SP iron
	Doublet	0.35	0.71	21	Fe ³⁺ species
one month in air	Singlet	0.00	0.00	77	SP iron
	Doublet	0.34	0.72	23	Fe ³⁺ species
one month in physiological solution	Singlet	0.00	0.00	78	SP iron
	Doublet	0.35	0.69	22	Fe ³⁺ species

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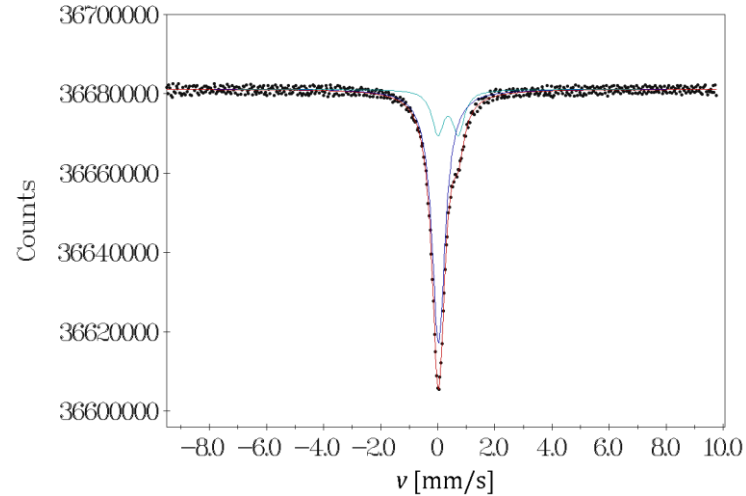


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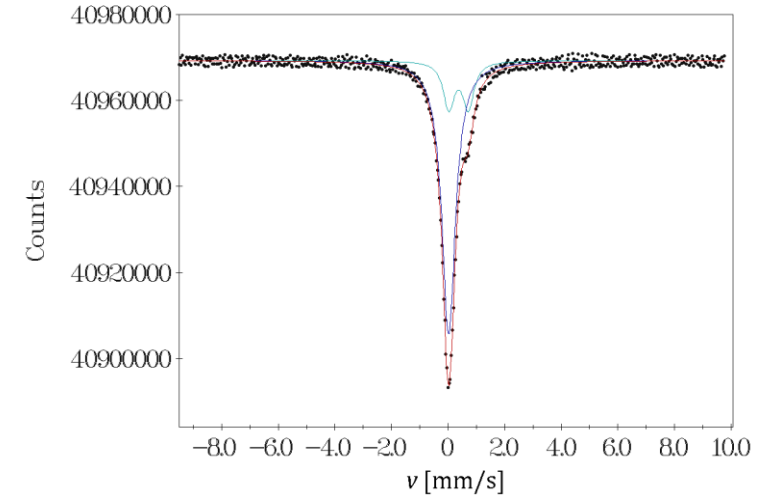
Správná spektra v opravě přílohy článku



SINGLET (1), 78.6 %
 AMPLITUDE, 59726.2915
 ISOMER SHIFT, -0.0018
 LINE WIDTH, 0.5793
 DOUBLET (1), 21.4 %
 AMPLITUDE, 8115.6111
 ISOMER SHIFT, 0.3500
 Q. SPLITTING, 0.7100
 LINE WIDTH, 0.5087



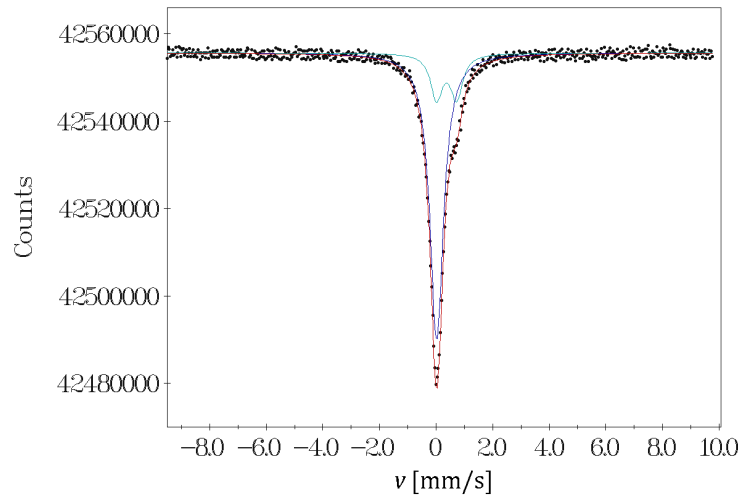
SINGLET (1), 77.1 %
 AMPLITUDE, 56334.2081
 ISOMER SHIFT, 0.0047
 LINE WIDTH, 0.5600
 DOUBLET (1), 22.9 %
 AMPLITUDE, 8346.6417
 ISOMER SHIFT, 0.3400
 Q. SPLITTING, 0.7200
 LINE WIDTH, 0.4990



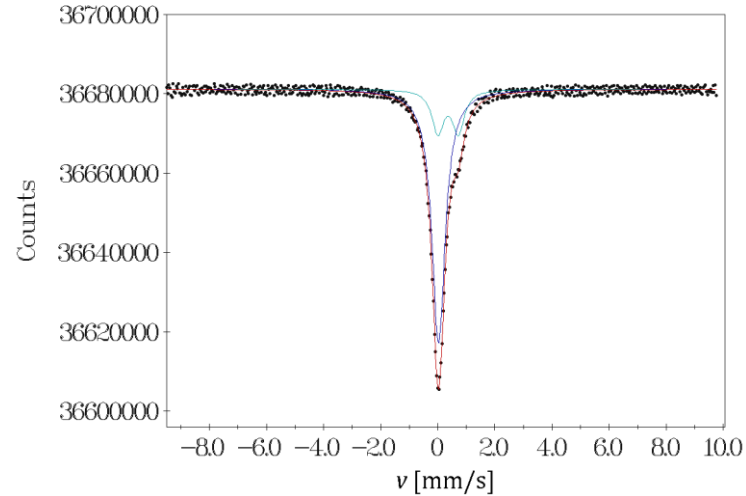
SINGLET (1), 78.3 %
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 ISOMER SHIFT, -0.0022
 LINE WIDTH, 0.5763
 DOUBLET (1), 21.7 %
 AMPLITUDE, 8027.4741
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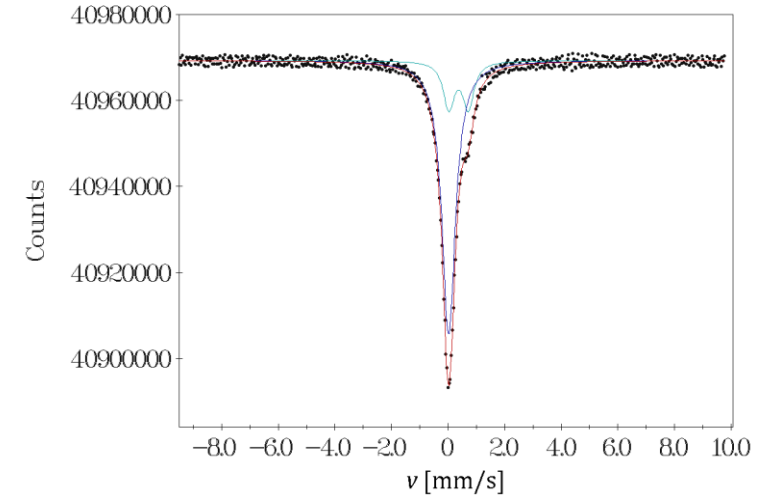
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Byla vydána oprava

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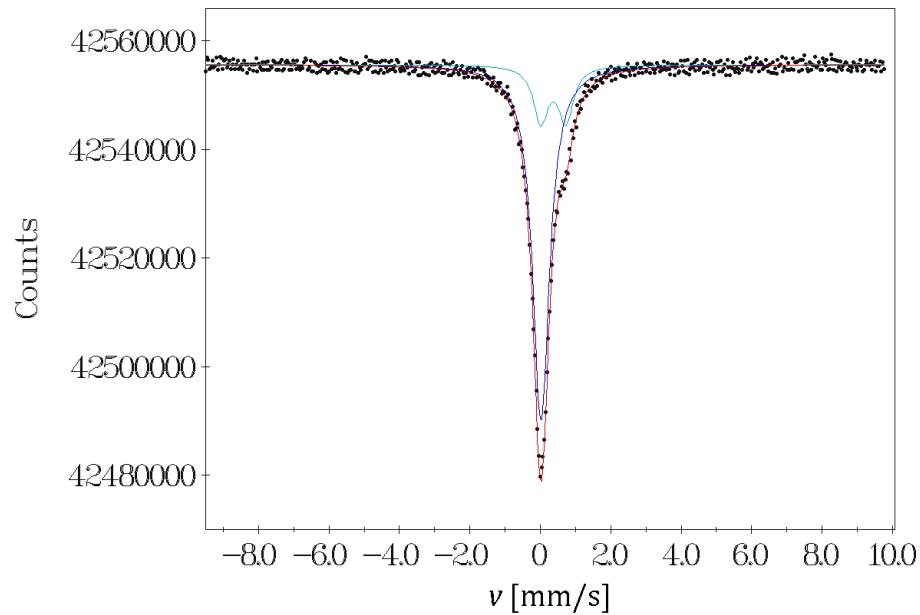
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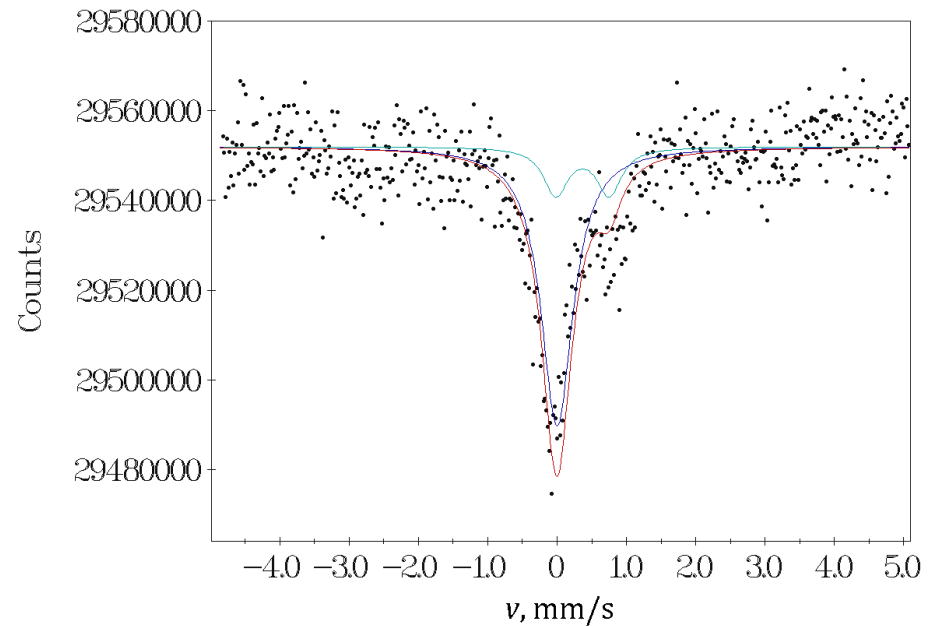
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Zpochybnění pravosti spekter



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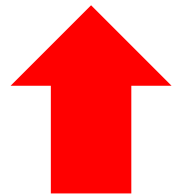


SINGLET (1), 79.3 %
AMPLITUDE, 62268.44
ISOMER SHIFT, -0.01
LINE WIDTH, 0.56
DOUBLET (1), 20.7 %
AMPLITUDE, 10562.60
ISOMER SHIFT, 0.36
Q. SPLITTING, 0.77
LINE WIDTH, 0.43

Pozor!
Jiná statistika
i rychlostní
rozsah!

Filtrování šumu

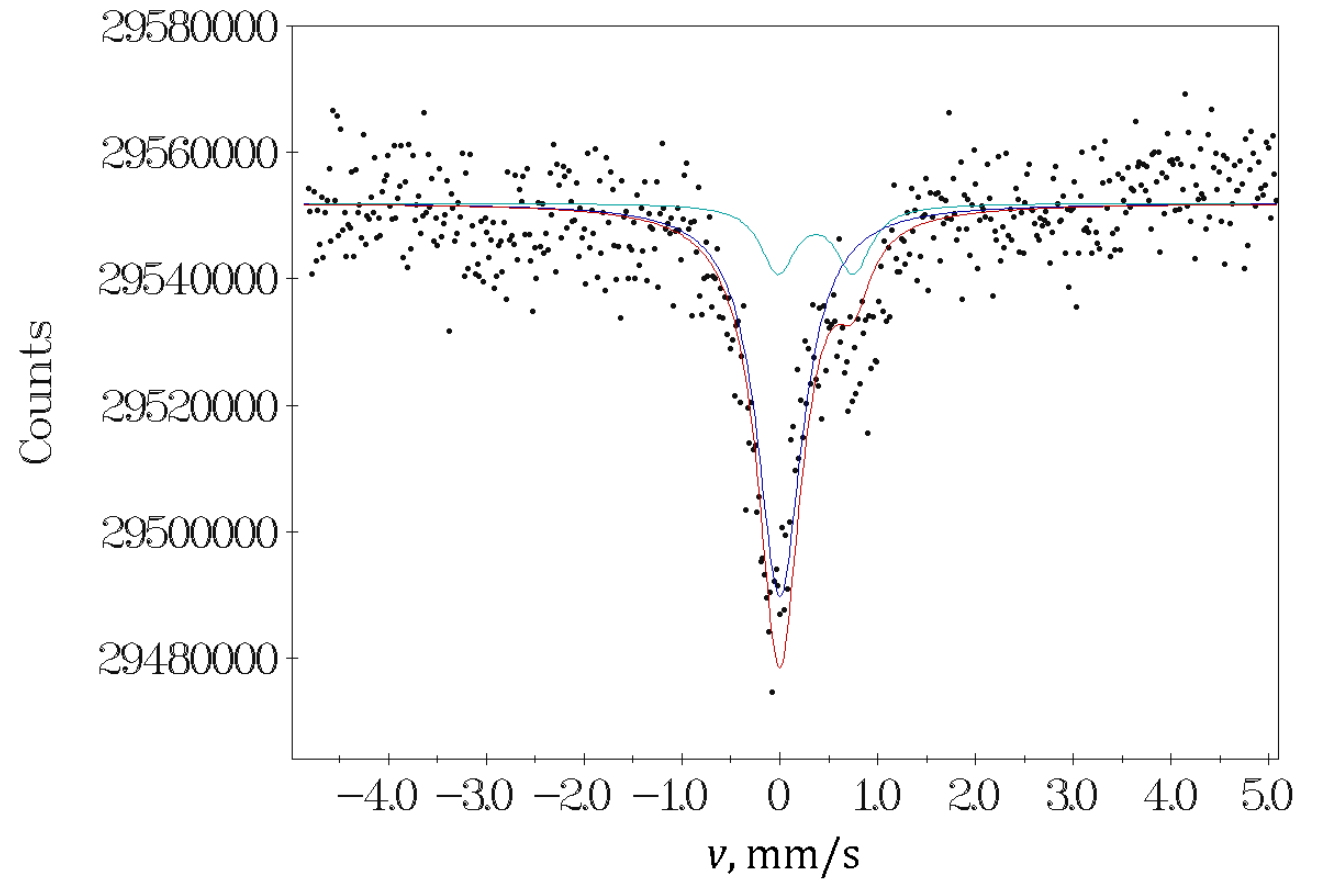
The ^{57}Fe Mössbauer spectra were then fitted using the MossWinn programme; before fitting, **the signal-to-noise ratio was enhanced using a statistical approach** that combines routines incorporated into MossWinn software package and the procedures developed by Prochazka *et al.* [46](#).



Ve článku je výslovně uvedeno, že šum byl filtrován k tomu vyvinutým softwarem, který je i řádně ocitován!

Co měla spektra prokázat?

Spektra měla prokázat, že je daný vzorek stabilní po dobu **30 dnů**.

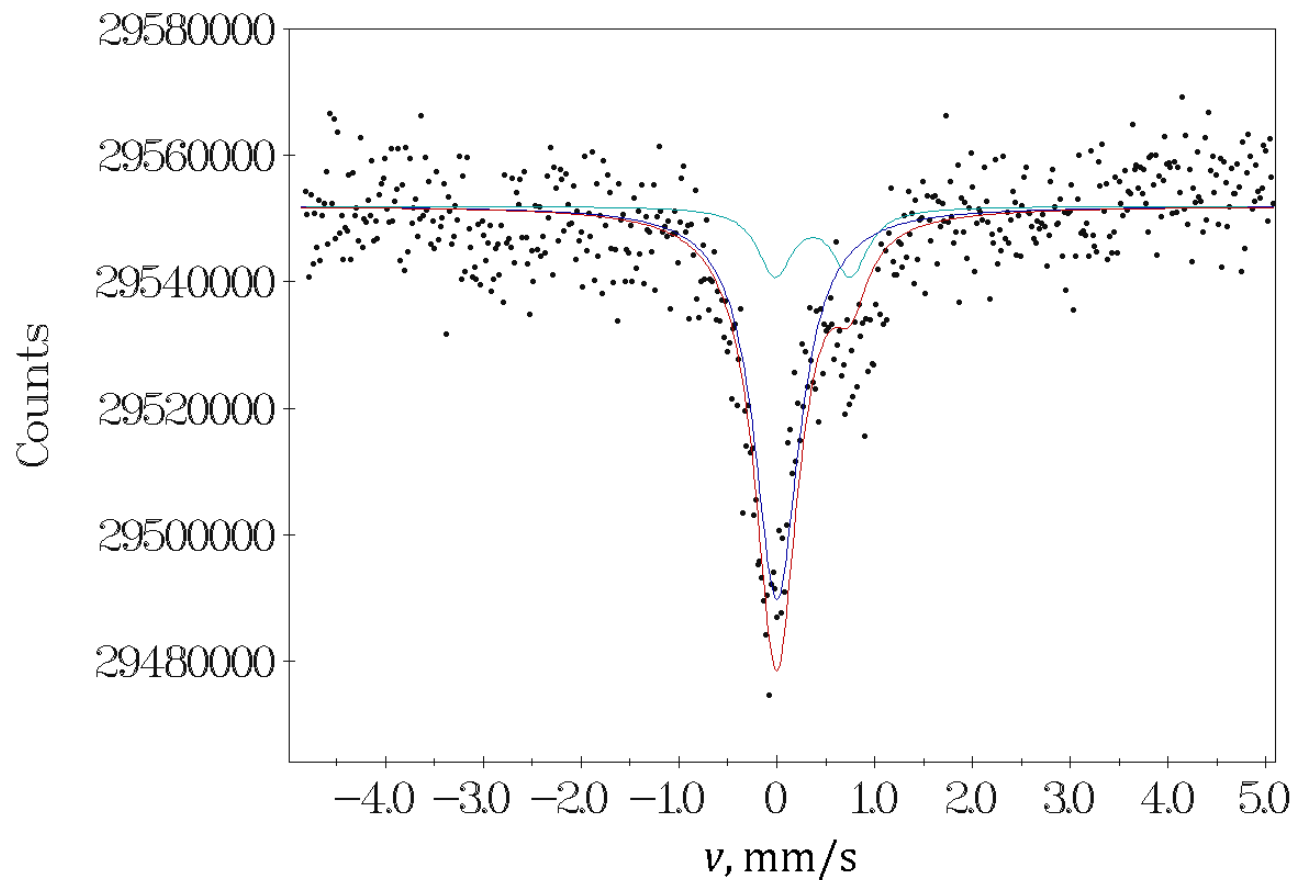


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Toto spektrum bylo získáno novým měřením a ukázalo, že vzorek je stabilní

několik let!



O co tedy v celé kauze jde?

Jde o to, zda jsou tvrzení v článku pravdivá?

Pak není co vyšetřovat, stabilita je prokazatelná!

Jde o inkvizici?

Pak je třeba pokračovat, centrum zatím stále žije.