

## NMR SERVICE PRICE LIST

(valid from 1<sup>st</sup> June 2019)

Item	Price (EUR excluding VAT)
Sample preparation <sup>1)</sup>	3.00

Item	Price (EUR excluding VAT)	
	INOVA 300 MHz	VNMRS 600 MHz
<sup>1</sup> H / <sup>19</sup> F	8.00	12.00
<sup>11</sup> B / <sup>31</sup> P	10.00	subject to negotiation
<sup>13</sup> C <sup>2)</sup> / APT <sup>2)</sup>	33,00	50.00
quantitative <sup>13</sup> C	70.00	80.00
D <sub>2</sub> O experiment <sup>3)</sup>	7.00	9.00
COSY ( <sup>1</sup> H- <sup>1</sup> H)	35.00	45.00
HSQC ( <sup>1</sup> H- <sup>13</sup> C) <sup>2)</sup>	60.00	70.00
HMBC ( <sup>1</sup> H- <sup>13</sup> C) <sup>4)</sup>	--	80.00
1D NOESY	20.00 / spectrum	25.00 / spectrum
2D NOESY	--	75.00
INADEQUATE ( <sup>13</sup> C- <sup>13</sup> C) <sup>5)</sup>	--	subject to negotiation (200.00)
different temperature (range -30 to 70 °C)	+ 10.00 / spectrum	+ 10.00 / spectrum
different temperature (range 70 °C to 90 °C)	--	+ 20.00 / spectrum
solid state NMR	--	subject to negotiation
other nuclei ( <sup>15</sup> N, ..), other experiments	subject to negotiation	subject to negotiation

### Spectra processing

Item	Price (EUR excluding VAT)
FID processing <sup>6)</sup>	2.50
structure elucidation	60.00 / hour

<sup>1)</sup> sample dissolution, transfer into NMR tube, waste disposal, NMR tube cleaning

<sup>2)</sup> spectrum recording up to 45 min, amount of sample approx. 50 mg

<sup>3)</sup> exchangeable protons detection experiment (addition of D<sub>2</sub>O and recording of <sup>1</sup>H NMR spectrum)

<sup>4)</sup> spectrum recording up to 90 min, amount of sample approx. 50 mg

<sup>5)</sup> spectrum recording about 24-48 hours, amount of sample 100 mg

<sup>6)</sup> Fourier transform, base line correction, scale referencing, peak picking, integration, export to pdf