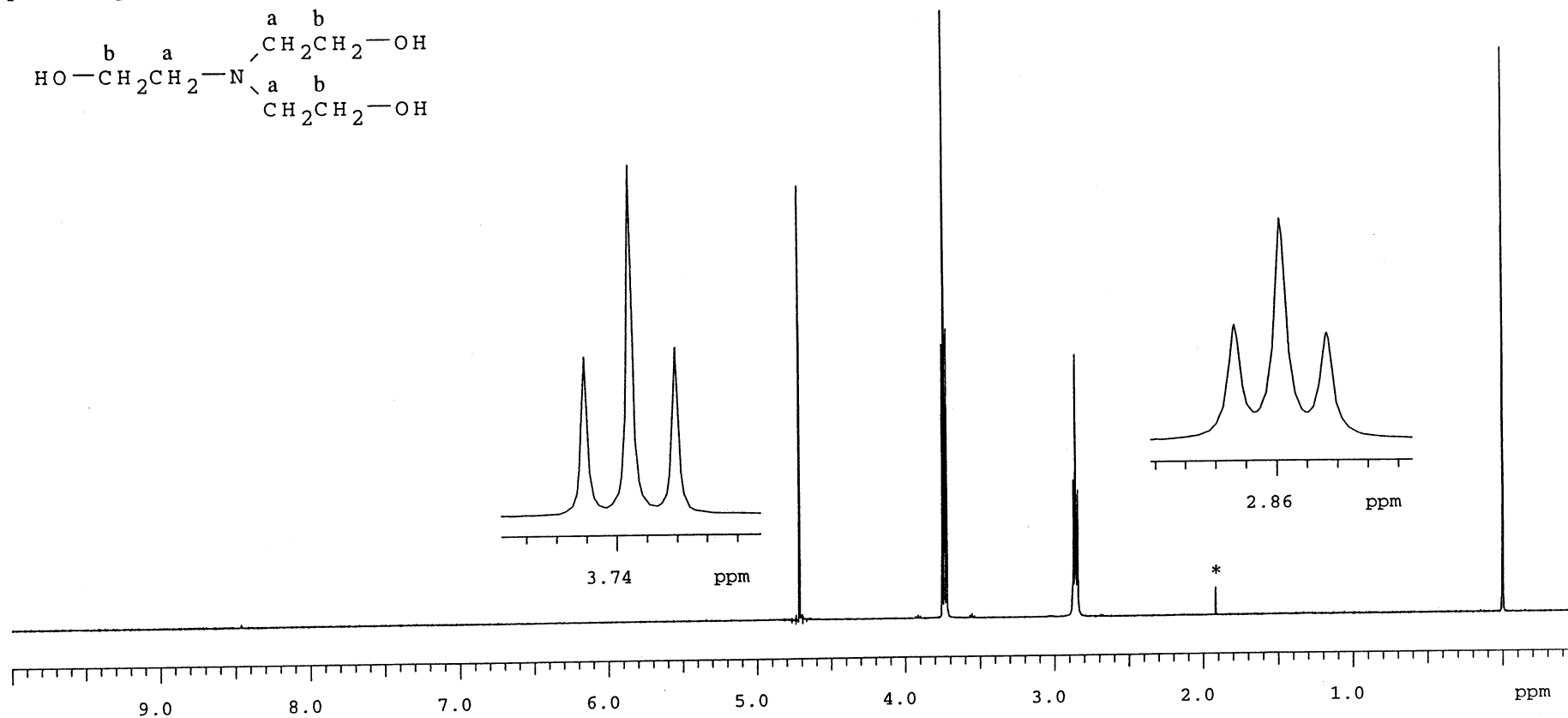
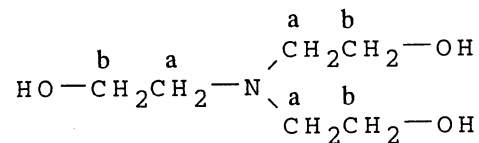


<sup>1</sup>H NMR

**Triethanolamine**

[102-71-6]



Solvent: D<sub>2</sub>O; pH 8.82  
Concentration: 1.9 mg/1.0 ml  
Reference substance: TSP-d<sub>4</sub>  
Sample temperature: 30.0 °C  
Resonance frequency: 400.132 MHz  
Spectral width: 4424.8 Hz  
Data points (FID; spec.): 64 k; 64 k

Flip angle; Pulse width: 50 °; 6.5 μs  
No. of scans; Rep. time: 16; 7.4 s  
Weighting; Line broad.: exp.; 0.1 Hz  
Spectral resolution: 0.2 Hz (TSP-d<sub>4</sub>)  
Instrument: Bruker AMX-400  
Source reference: 961030-3496  
Signature: *Markku Mesilaakso*  
Markku Mesilaakso

nuc.	δ [ppm]	J [Hz]
a	2.859	6.0 (b)
b	3.735	