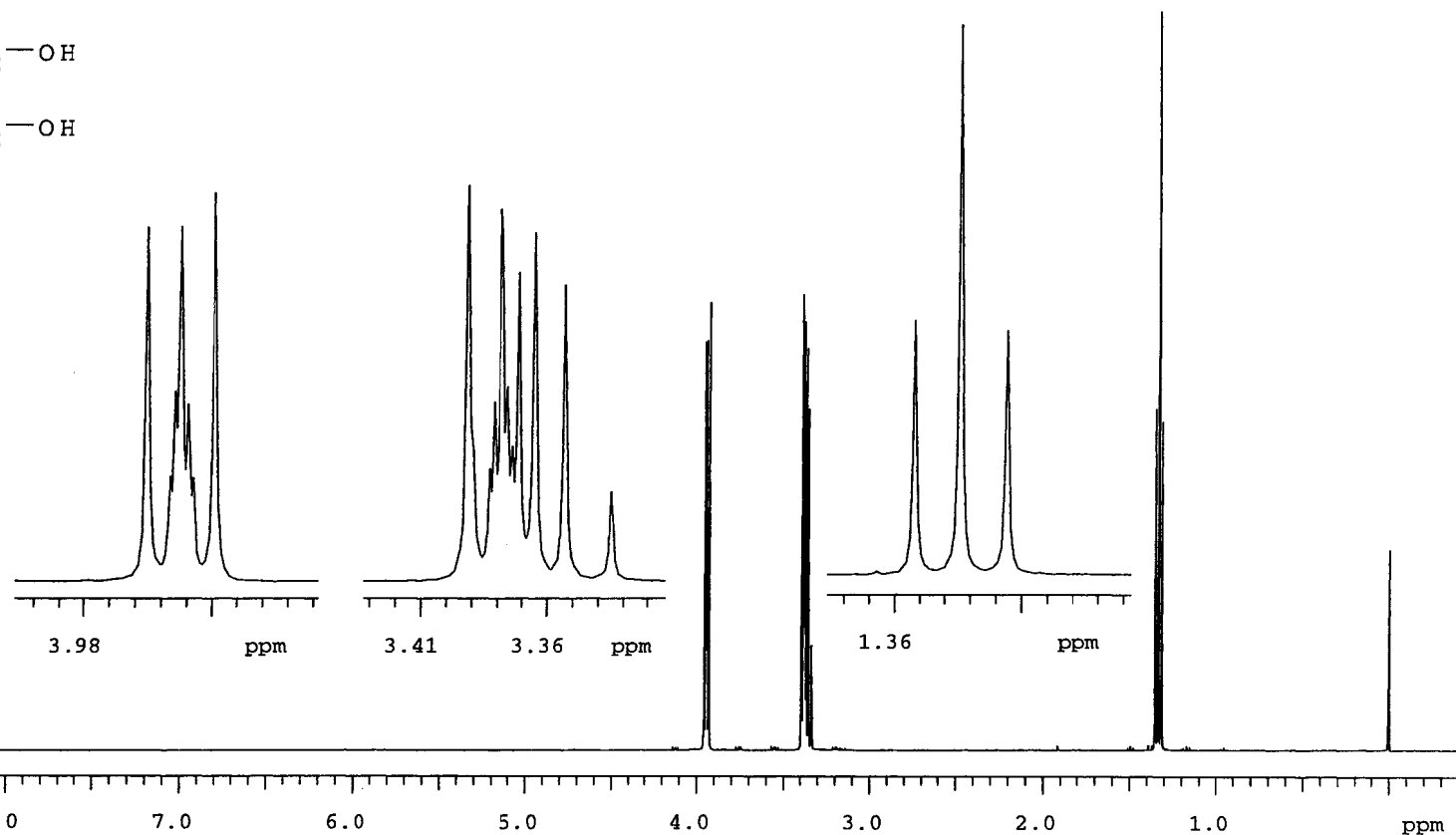
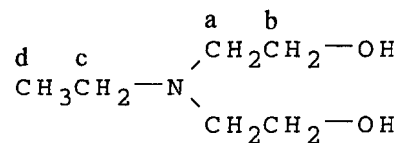


5-3-173:r

¹H NMR**Ethyldiethanolamine**

[139-87-7]



Solvent:	D ₂ O; pH 7.7	Flip angle; Pulse width:	45 °; 5.9 μs	nuc.	δ [ppm]	J [Hz]
Concentration:	23 μl/ 0.8 ml	No. of scans; Rep. time:	16; 23.4 s	a	3.378	13.1 (a'); 6.7 (b); 4.0 (b')
Reference substance:	TSP-d ₄	Weighting; Line broad.:	exp.; 0.1 Hz	b	3.942	-13.9 (b')
Sample temperature:	29.9 °C	Spectral resolution:	0.3 Hz (TSP-d ₄)	c	3.362	7.3 (d)
Resonance frequency:	400.132 MHz	Instrument:	Bruker AMX-400	d	1.334	
Spectral width:	4424.8 Hz	Source reference:	970204-3795			
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i>			Iterative analysis
			Markku Mesilaakso			

OPCW Code: 05-3-0173:r (p1/1)