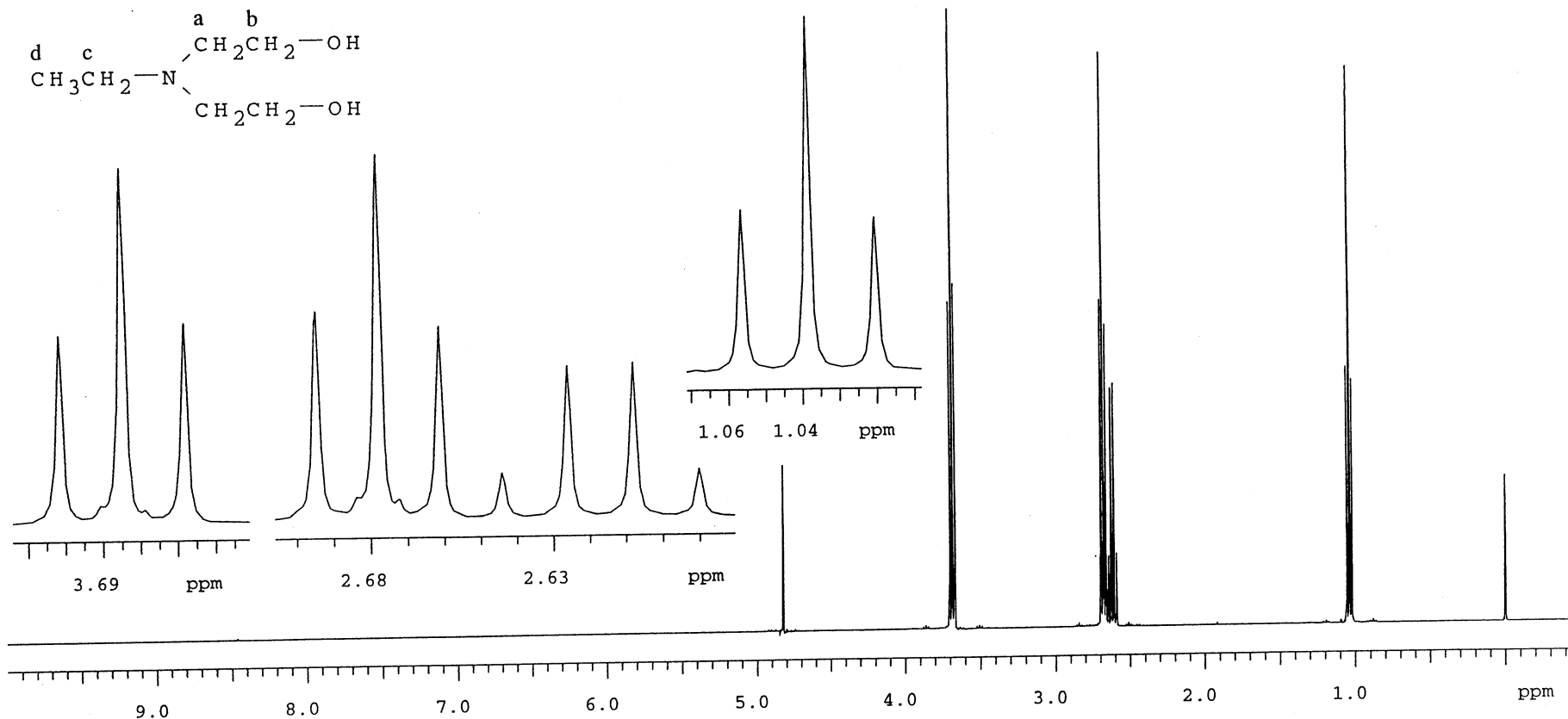
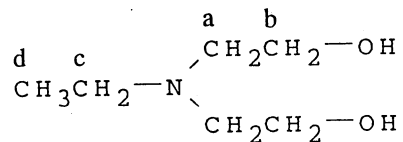


¹H NMR

Ethyldiethanolamine

[139-87-7]



Solvent:	D ₂ O; pH 12.5	Flip angle; Pulse width:	45 °; 5.9 μs	nuc.	δ [ppm]	J [Hz]
Concentration:	20 μl/ 0.8 ml	No. of scans; Rep. time:	16; 23.4 s	a	2.678	6.7 Hz splitting (AA'XX' type triplet)
Reference substance:	TSP-d ₄	Weighting; Line broad.:	exp.; 0.1 Hz	b	3.685	6.7 Hz splitting (AA'XX' type triplet)
Sample temperature:	29.9 °C	Spectral resolution:	0.5 Hz (TSP-d ₄)	c	2.617	7.2 (d)
Resonance frequency:	400.132 MHz	Instrument:	Bruker AMX-400	d	1.039	
Spectral width:	4424.8 Hz	Source reference:	970204-3791			
Data points (FID; spec.):	64 k; 64 k	Signature:	<i>Markku Mesilaakso</i>			
			Markku Mesilaakso			

OPCW Code:05-3-0175(p1/1)