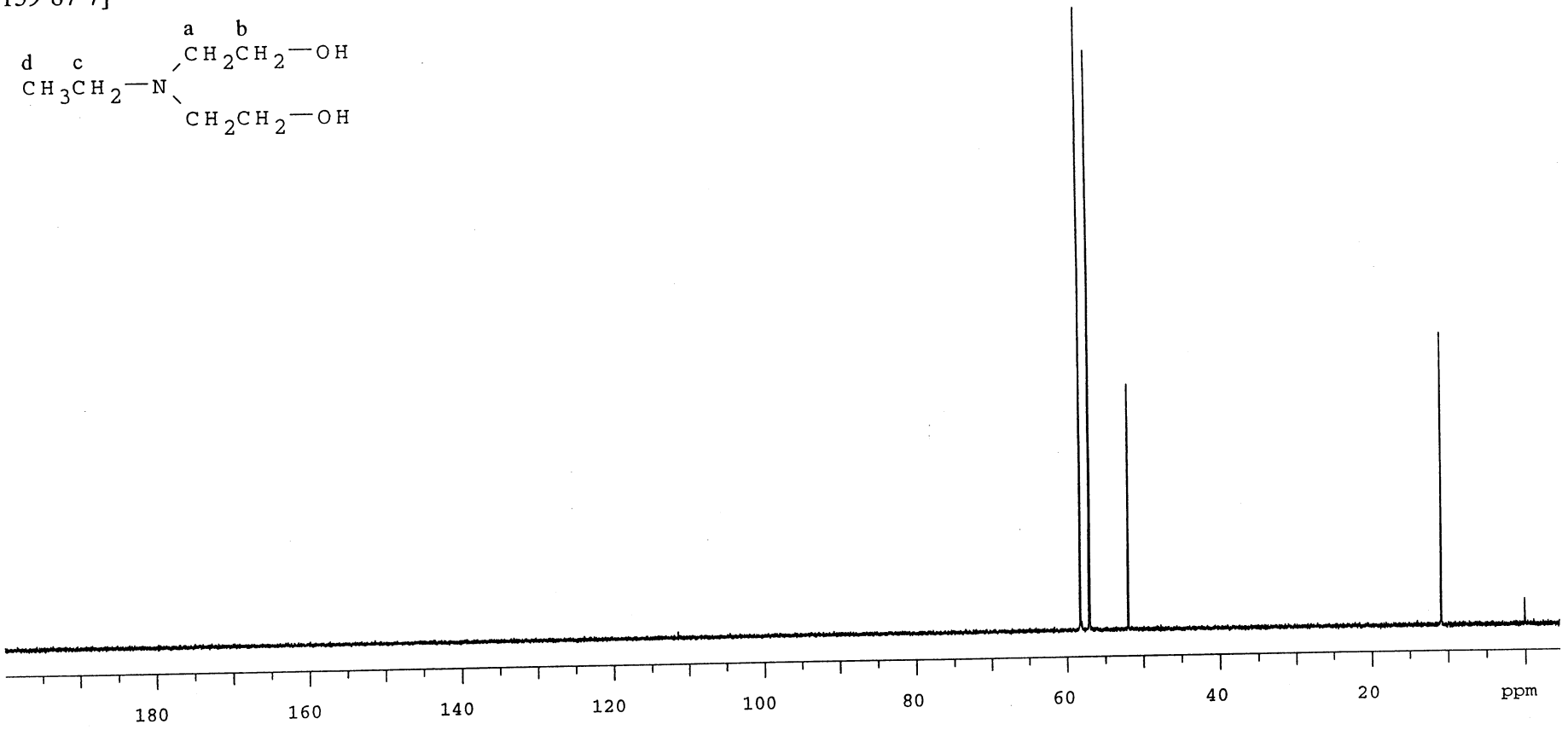
$^{13}C\{^{1}H\}$ NMR

Ethyldiethanolamine

[139-87-7]



				nuc.	δ [ppm]
Solvent:	D_2O; pH 0.5	Flip angle; Pulse width:	45 °; 3.8 µs	a	57.04
Concentration:	20 µl/ 0.8 ml	No. of scans; Rep. time:	4096; 5.0 s	b	58.20
Reference substance:	TSP-d_4	Weighting; Line broad.:	exp.; 0.5 Hz	c	51.95
Sample temperature:	29.9 °C	Spectral resolution:	0.9 Hz (TSP-d_4)	d	10.89
Resonance frequency:	100.624 MHz	Instrument:	Bruker AMX-400		
Spectral width:	23809.5 Hz	Source reference:	970201-3780		
Data points (FID; spec.):	64 k; 64 k	Signature:	Markku Mesilaakso		

OPCW Code:05-3-0172(p1/1)