## Letters to the Editor

## RAMAN SPECURUM OF O-CHLOROETHYLBENZENE

The Raman spectrum of o-chloroethylbenzene was obtained in the liquid state. Mercury 4358 A radiation, filtered through the Du Pont Rhodamine 5GDN extra dye in p-nitrotoluene-methylalcohol solution, was used for excitation.





About 35 Raman lines were recorded and the Raman shifts are given in Table I. Lines marked with an asterisk were obtained as Stokes and anti-Stokes lines. Semi-quantitative relative intensities (in the scale 0-10) are obtained from a microphotometer curve and given in Table I.

The Raman spectrum along with the microphotometer curve is reproduced in figure 1.

## TABLE I

Raman frequencies of o-chloroethylbenzene

$\Delta^{\nu}$ (cm <sup>-1</sup> )	Int	Δ <i>ν</i> (cm <sup>-1</sup> )	Int
137*	4	1061	4
196*	3	1130	2
<b>26</b> 5*	1	1155	3
323*	1	1197	6
369*	2	1273	1
401	2	1299	2
440*	2	1321	2
456*	2	1367	1
522*	4	1441	2
566*	2	1566	3
674*	10	1591	4
720		2869	2
746	1	2902	2
856	1	2933	4
778	3	2965	2
964	2	3012	1
1024	10	3056	6
1044	5	_	

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