

Inspection sheet

Date 2001/4/11

Model FT/IR-460
 Serial No. A004060846
 Temperature 14 C
 Humidity Unk %
 Operator JASCO (UK) Ltd
 Total Judgement good

Inspector



Inspection :

(1) Background [Standard] Acceptance criterion 60 %

Wavenumber	Measured	Standard	Meas / Std	Judgement
3000.00	70.769	70.771	99.998 %	good
2000.00	127.353	127.665	99.755 %	good
1600.00	111.478	111.226	100.227 %	good
1000.00	41.539	41.538	100.003 %	good

(2) WN Accuracy [Standard] Acceptance criterion +/-2 cm-1

STD WN	Measured	Difference	Judgement
1601.40	1601.110	-0.290	good
906.70	906.862	0.162	good

(3) WN Repeatability [Standard] +/-1 cm-1 (4600 - 400cm-1)

Peak[cm-1]	1st	2nd	Difference	Judgement
2850.70	2848.828	2848.828	0.000	good
1601.40	1601.110	1601.110	0.000	good
1583.10	1582.789	1582.789	0.000	good
1181.40	1181.186	1181.186	0.000	good
1154.30	1154.670	1154.670	0.000	good
1069.10	1069.335	1069.335	0.000	good
1028.00	1028.355	1028.355	0.000	good
906.70	906.862	906.862	0.000	good

(4) %T Repeatability [Standard] +/-0.5 %T (0 - 100%T)

Peak[cm-1]	1st	2nd	Difference	Judgement
2850.70	13.775	13.747	0.027	good
1601.40	10.323	10.303	0.020	good
1583.10	44.244	44.227	0.017	good
1181.40	50.650	50.600	0.050	good
1154.30	52.830	52.781	0.049	good
1069.10	43.677	43.641	0.037	good
1028.00	21.235	21.156	0.080	good
906.70	37.566	37.480	0.087	good

(5) Resolution [Standard] Diff. 2851 cm-1 peak no less than 18 %T
 1583 cm-1 peak no less than 10 %T

Peak[cm-1]	%T[valley]	%T[peak]	Difference	Judgement
2848.83	39.631	13.788	25.843	good
1582.79	61.922	44.256	17.666	good

(6) %T Change [Standard] Standard +/-5 %T

Wavenumber	Measured	Standard	Difference	Judgement
4000.00	90.866	90.683	0.184	good
3000.00	66.298	66.193	0.105	good