

Table captioned as "Fine structure in ultra-violet absorption spectra of some purines, pyrimidines, amino acids, nucleosides etc. "

Contributors

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Fine Structure In U.V. Absorption Spectra Of films Of Some Purines,
Pyrimidines , Amino Acids, Nucleosides etc.

Substance	Film	Temp.	Wave Length Of Peaks.	Comments.
Thymine	Sublimed	R T	2827 2763 2709 2653 2597 2546 2818	
		90K	2759 2704 2651 2597 2546 2818	
Uracil	Sublimed	R T	2658 2543	
		90K	2859 2796 2723 2650 2558	
Adenine	Sublimed	R T	2868 2764 2663	
		90K	2880 2829 2771 2720 2669	
Guanine	Sublimed	R T	2935 2775 2690	
		90K	2918 2836 2774 2719 2666	
Tryptophan	"	R T	2998 2880 2810	
		90K	2993 2931 2869 2807 2737 2678	
Phenyl-Alanine	"	R T	2693 2655 2593 2535 2482 2427 2222	
		90K	2691 2651 2625 2589 2529 2480 2423 2221 2190	
Thymidine	Clupein	R T	2730 (broad band)	No sharpening
	Glass	60K	2730 (broad band)	
Uridine	"	R T	2829 2678 (broad band)	
		60K	2842 2693 (broad band)	"
Cytidine	"	R T	3032 2950 2800 (broad band)	
		60K	3015 2949 2874 2802 2692	
Tobacco Mosaic Virus	Dried Film	60K	2910 2841 2797 2739 2686 2642	
			2612 2583 2527 2485	
Pepsin	"	R T	2927 2854 2781 2743 2691 2655 2594 2529	
		90K	2909 2847 2792 2743 2680 2645 2613 2582	
			2526 2473 2382	
Mouse Heart Slice		103K	2902 2837 2785 2722 2678 2642 2610 2579	
20 microns thick			2642 2473 2411	