

iiii ^%o šCE}%oZ}š}u š CE (}CE šZ (CE
{CE šZ ,^ l ^ rWdh }u%o AE • Z.}omÿ}v • Á]šZ šZ (}oo}Á]vP
}v všCE Ÿ}v • ~iXñU iXóU iXõU iXí v iXi • uDX hs u • μCE u vš •
Á CE CE %o š (}CE oo šZ • v%o] + CE vw}••]Pv]
Á CE } • CEÀ X dZ hsr •}CE%oÿ}v •%o šCE (}CE }šZ }u%o AE •
,^ rWdh v ^ rWdh CE } š }v š šZ Á À o vPšZ } (îõì vuX

Fluorescence

&om}CE • v š Á CE } š }v Ç E v } CE}%o E riiii &om}CE}r
•%o šCE}%oZ}š}u š CE (}CE šZ (}oo}Á]vP }u%o AE • }v všCE Ÿ}v
~iXñU iXóU iXõU iXí v iXi • uD š îñ£ X dZ AE]š Ÿ}v •}μCE
}u • (CE}u }v } (šZCE •}o] r•š š >]PZš u]«vP]} •
~> •• ÁZ] Z Z Á }%oÿ}v • šZ š }v om W hs > Á]šZ u AE]umu
AE]š Ÿ}v îõñ vuU om > Á]šZ AE]š Ÿ}v õõì vuU v ÁZ]š
> (CE}u ñii š} õñi vu AE]š Ÿ}vX îîõô r o u vš CECE Ç
š š}CE }Á CE]vP ðiiróñi vuU]• }vv š Ç v }%oÿ o . CE š}
šZ }%oÿ o u • μCE u vš • μCE(X dZ AE]š Ÿ}v]• }v (}CE }šZ
}u%o AE • ,^ rWdh v ^ rWdh š šZ Á À o vPšZ } (îõì vu
v šZ u AE]umu u]••]}v Á À o vPšZ]• š õõì vuX

Results and Discussions

hsrs/^ •}CE%oÿ}v •%o š CE

Ultraviolet and visible spectrometers have been used for many

Ç CE • v Z Á }u }v } (šZ }u%o}CEš vš v oÇ Ÿ o]v • šCEμv vš •
]v u } CEv o }CE š}CE] • μ • } (]š • •]u%o]]šÇU Á CE • Ÿo]šÇU
•%o U μCE ÇU v }•š r + ŸÁ v •• €îõ•X dZ] • AE%o CE]u vš o
š Zv]μ Á • μ • š } o μo š šZ }v]vP }v • š vš • (}CE • Á CE o
CEμPr%oCE}š }v }u%o AE • €îõ•X dZ hs Figure 3 Ÿ}v š CE (v, ^ rWdh CE } (,^ rWdh ~š }
v ^ rWdh }u%o AE • Á CE } š]Figurev %oCE • v Wdh]v }©}u•U Á]šZ u AE]umu •}CE
3X dZ .PμCE •Z}Á • u AE]umu •}CE%oÿ}v %o l š u Á Áš o%v PšZ μCE š îñ£ X &CE , ^
{ (îõì vuU šZ •%o šCEμv •%oCE}Á]]CE š CE o-Ÿi}u•PZ]u%oU iXó uD • v (CE , ^ Á]
šZ }v CE • }v %o l]vš v•]šÇ } (šZ , ^ rWdh Wdh •}v všCE Ÿ}v • ~ A (CE , ^ l ^ ~
Wdh ~ }©}u • }u%o AE • v šZ }v všCE Ÿ}v } (šZ U Wdh X dZ v , ^ l ^ rWdh }u%o AE •
]v CE • }v šZ]vš v•]šÇ]• μ š } šZ]vš CE Ÿ}v š Á v , ^ l ^
^ v Wdh • u}v]š}CE]v μ + CE •}omÿ}v Ç • vv]vP šZ
Á À o vPšZ • X • }v] š }v šZ .PμCE U šZ CE]• o CE •}CE%oÿ}v
•]Pv o (}CE (CE WdhX

Figure 3 (The plot of $\frac{1}{A-A_0}$ vs $\frac{1}{A}$ for free HSA and free BSA

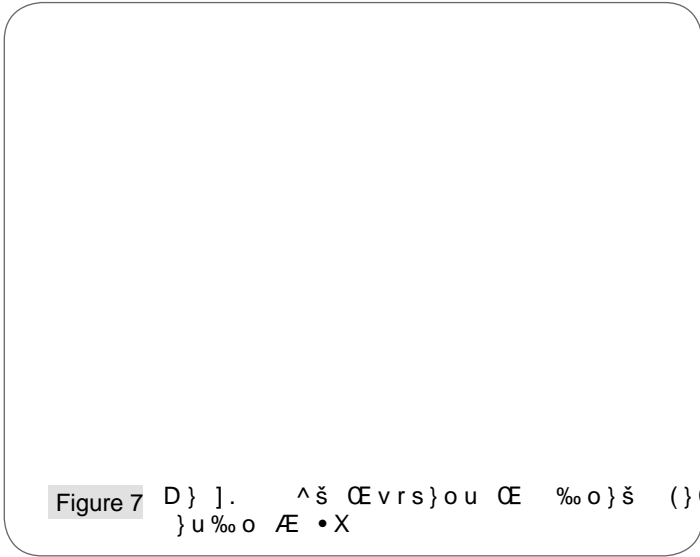
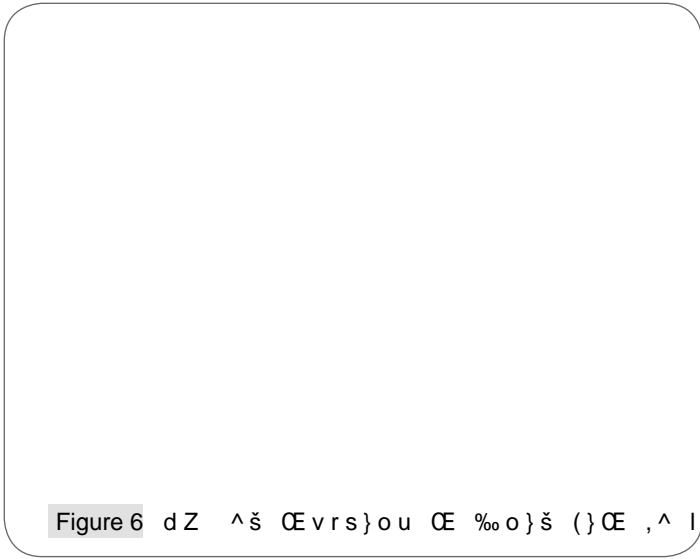
&CE}u <X ñU šZ CE]%oCE} o %o]•š o] (v í l CE r } • Á CE • μ • ~i l > •
as presented in Figure 4X tZ v .AE }v všCE Ÿ}v } (, ^
{CE ^ Á • oo}Á š } }u%o AE Á]šZ]+ CE vš u}μvš • } (WdhU
šZ CE]• o]v CE]v CE • }v šZ hs •}CE v } (, ^ }CE ^ X dZ
]v]vP }v • š vš • (}CE šZ , ^ rWdh v ^ rWdh }u%o AE • Á CE
o μo š μ•]vP hs •%o šCE }CE]vP š }%oμ o]•Z u šZ } •
€iîUîõ • Á]šZ šZ ••μu%oÿ}v šZ š šZ CE]• }v rš}r}v]vš CE Ÿ}v
š Á v , ^ l ^ v Wdh]v <μ}μ •}omÿ}v š } •š o]•Z
Z u] o <μ]o] CE]μv • }v šZ (}oo}Á]vP <μ Ÿ}v • X

- HSA+PTU → HSA:DA (1)
- BSA+PTU → BSA:DA (2)

Figure 4 (The plot of $\frac{1}{A-A_0}$ vs $\frac{1}{A}$ for free HSA and free BSA

$< A \in , ^ W Wdh \cdot l \in Wdh \cdot \in , ^ \cdot$
 $< A \in ^ W Wdh \cdot l \in Wdh \cdot \in ^ \cdot$

Figure 4 (The plot of $\frac{1}{A-A_0}$ vs $\frac{1}{A}$ for free HSA and free BSA



$$\frac{1}{F_0 - F} = \frac{1}{F_0 K(L)} + \frac{1}{F_0} \quad (6)$$

Figure 7X dZ }š Œvrs}ou Œ %o}š (}Œ , ^ l ^ and intercept $\frac{1}{F_0}$ }Œ }vP š} <X ñX

Figure 7X dZ }š Œvrs}ou Œ %o}š (}Œ , ^ l ^ and intercept $\frac{1}{F_0}$ }Œ }vP š} <X ñX

Conclusion

Conclusion text describing the findings of the study, including the relationship between variables and the importance of understanding molecular types.

Acknowledgment

Acknowledgment text expressing gratitude to the funding sources and individuals who assisted in the research.

