

A Hyperbranched Acidic Polysaccharide from Green Tea

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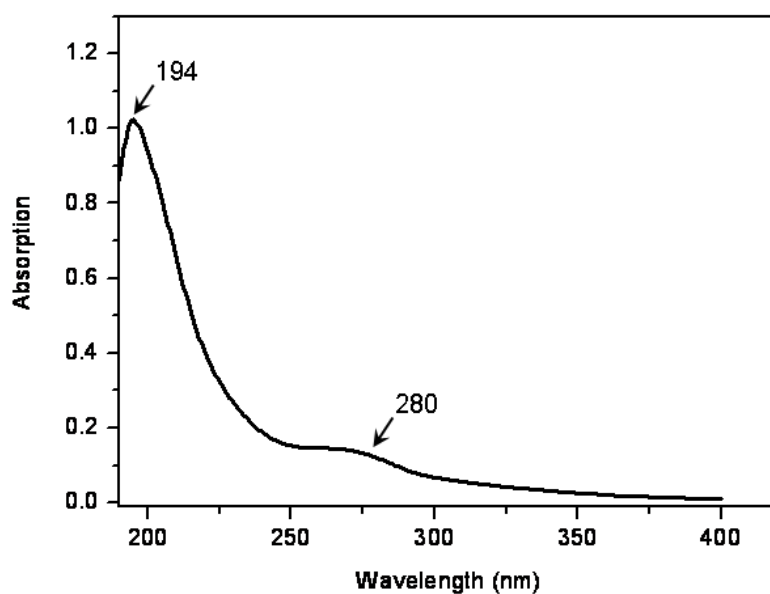


Figure S1. UV-vis spectrum of ALTPS.

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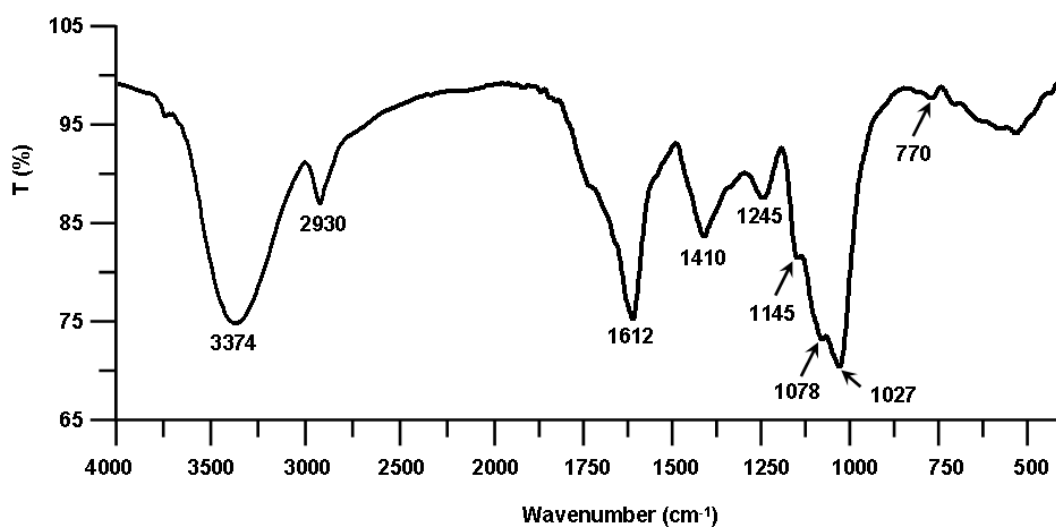


Figure S2. FTIR spectrum of ALTPS.

Table S2 Amino acid compositions of ALTPS

No	Amino acid	Content (%)
1	Aspartic acid	0.710
2	Glutamic acid	0.660
3	Glycine	0.330
4	Valine	0.250
5	Serine	0.210
6	Threonine	0.210
7	Alanine	0.200
8	Lysine	0.190
9	Leucine	0.170
10	Isoleucine	0.120
11	Proline	0.120
12	Histidine	0.091
13	Arginine	0.079
14	Phenylalanine	0.042
15	Methionine	0.014
16	Tyrosine	0.013
	Total amino acids	3.420

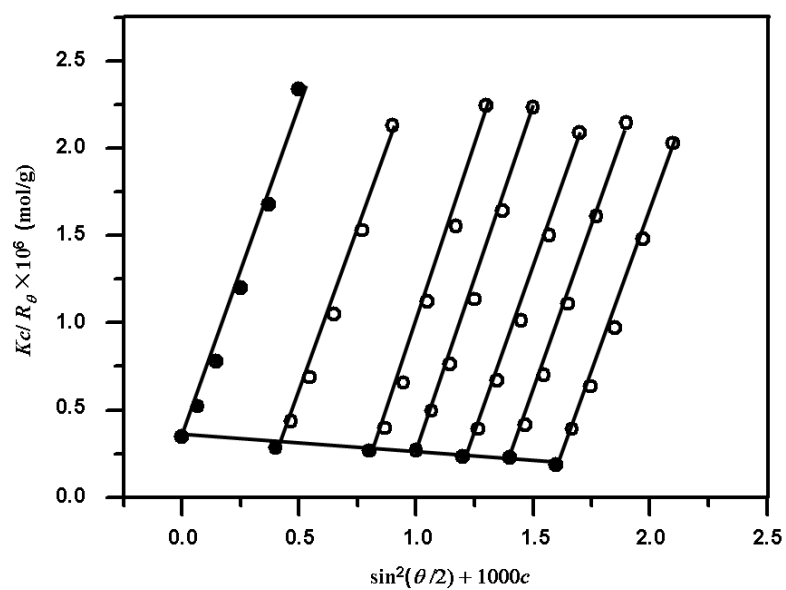


Figure S3. Zimm plots of ALTPS in distilled water at 25°C.

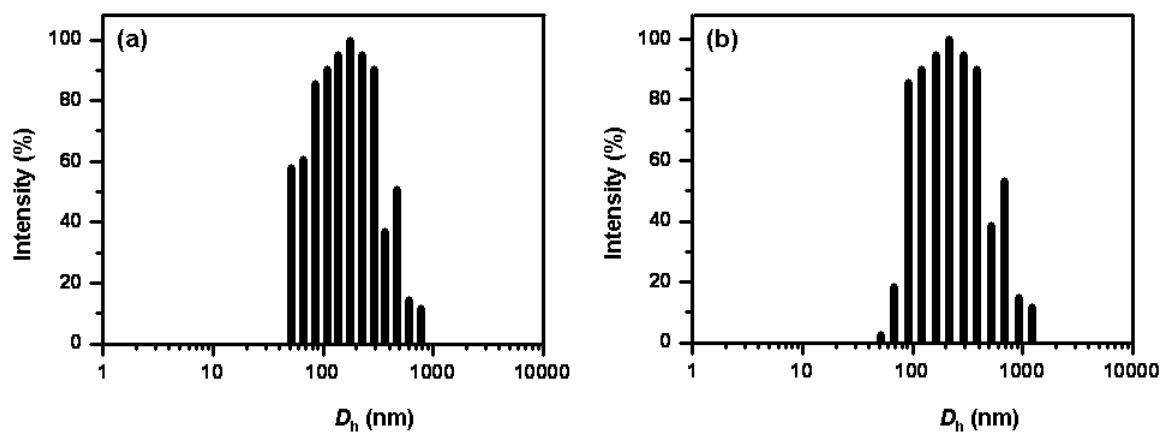


Figure S4. Hydrodynamic diameter (D_h) distribution of ALTPS in (a) distilled water and (b) cadoxen at 25°C.