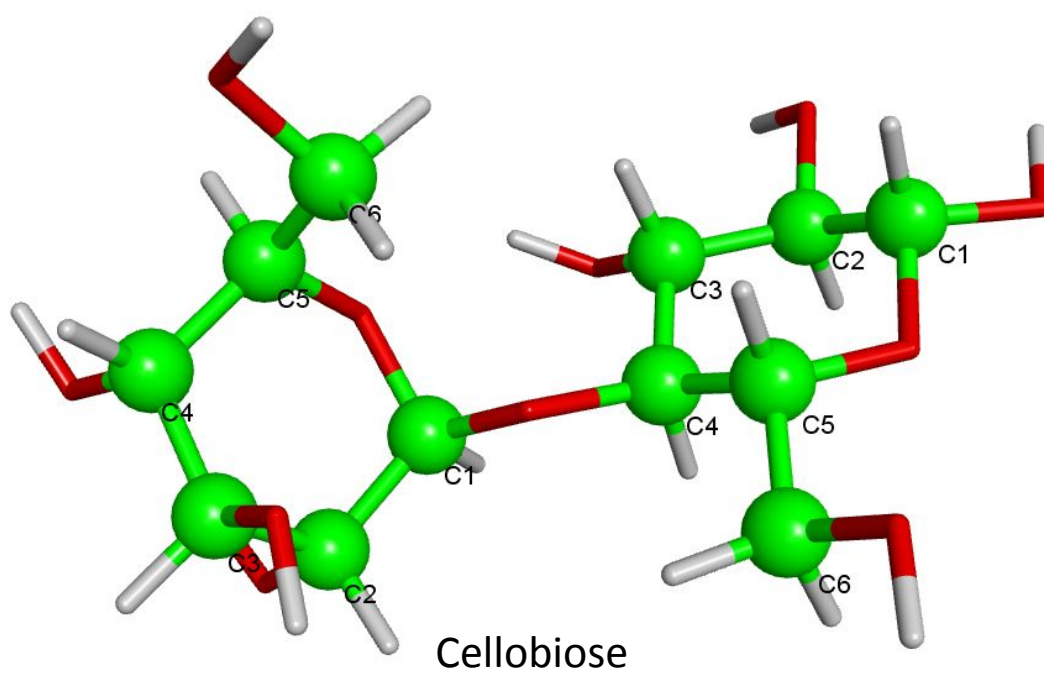
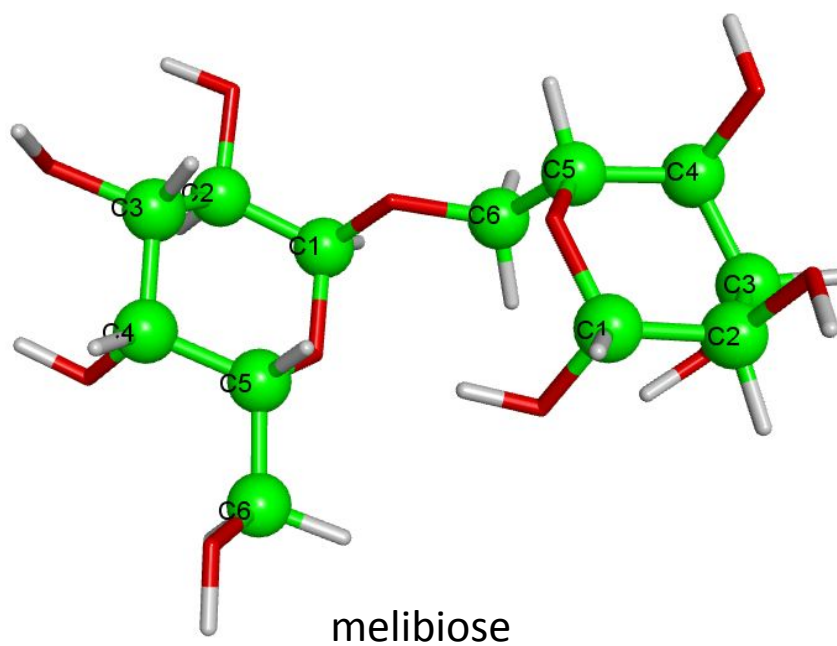


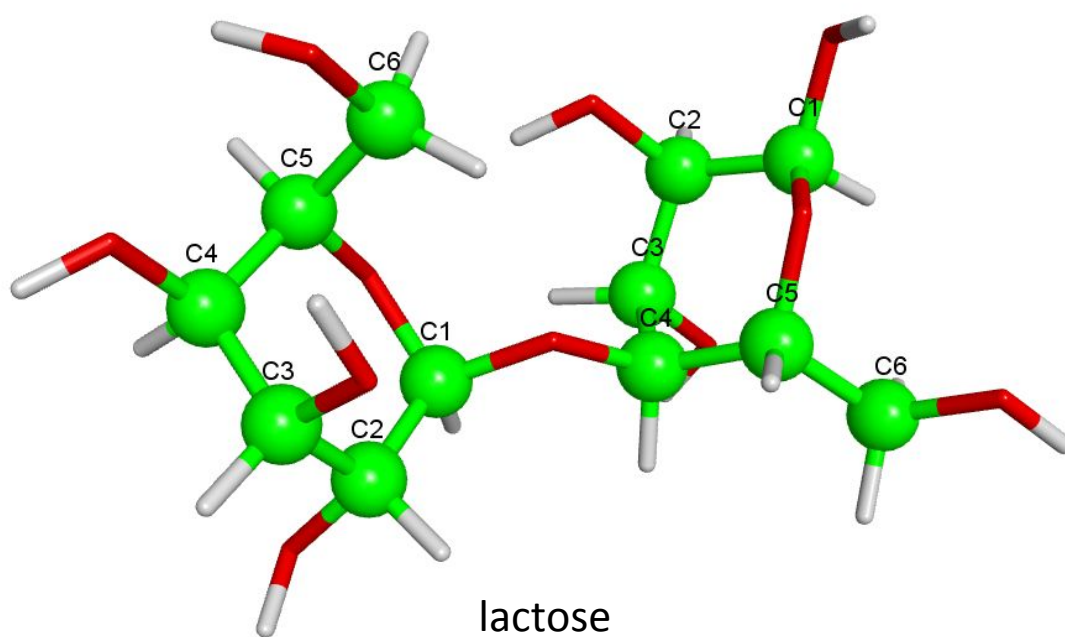
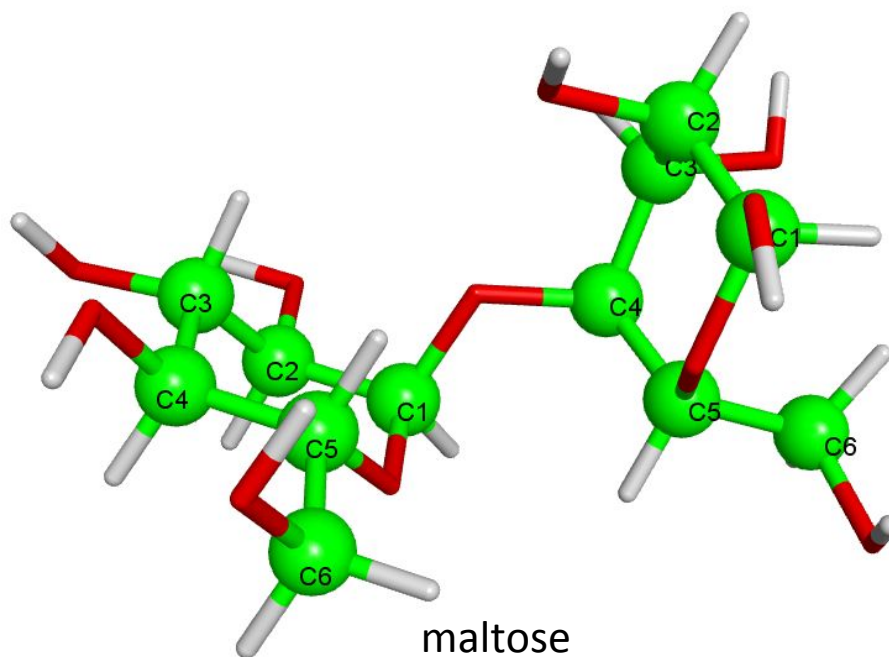
Figure S1 Far UV-CD spectra of glycated OVA modified by different disaccharides

Table S1 Possible allergenic epitopes in each sample

potential glycation sites in the allergenic epitopes	K16, K19, K46, R50, K55, R58, K61, R84, R104, R126, R142, K189, R199, R276, K277, K279, R381
OVA-Mel	K46, R50, K61, R84, K92, R126, K186, K189, K206, K226, K228, K263, R276, K277, K323, R359
OVA-Cel	K46, R50, K61, K92, K122, R126, R199, K226, K228, K263, K279, K322, R339, R359
OVA-Mal	K46, K61, K92, K122, R126, K206, R276, K277, K322, R339, K369
OVA-Lac	K46, K61, K92, R110, K122, R126, K226, K228, R276, K277, R359
OVA-Tur	K19, R84, K92, K181, K186, K206, K228, K263, R359
OVA-Iso	K19, K61, R84, K92, K181, K206, R359

Glycation site in red was the potential allergenic epitopes in each sample.





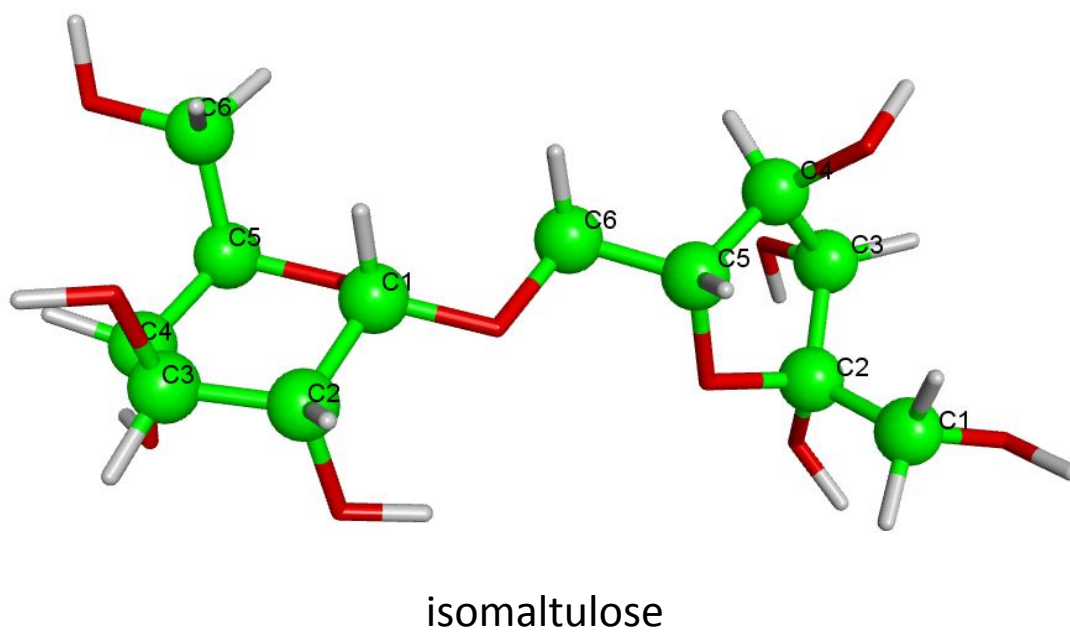
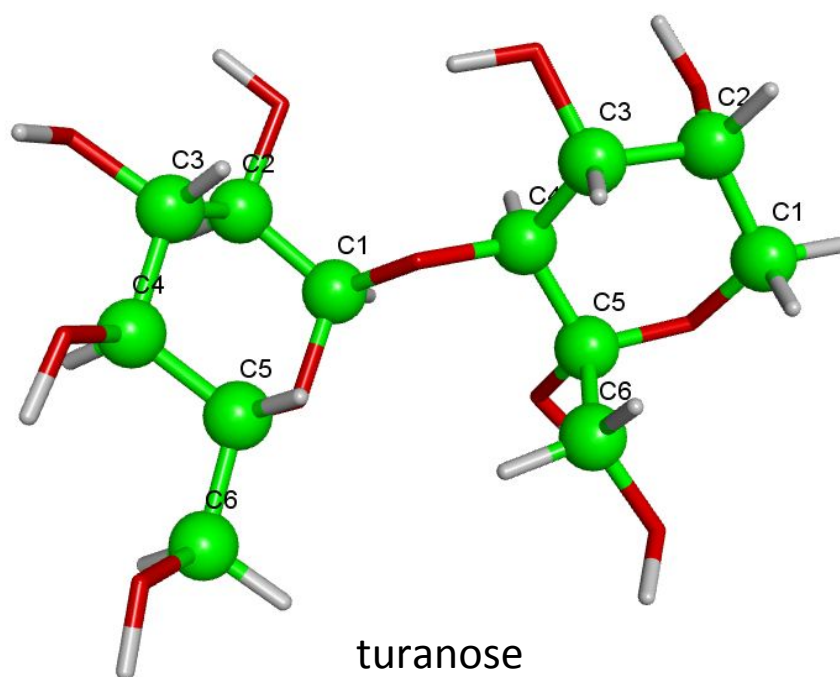


Figure S2 Carbon atom analysis diagram of six disaccharides