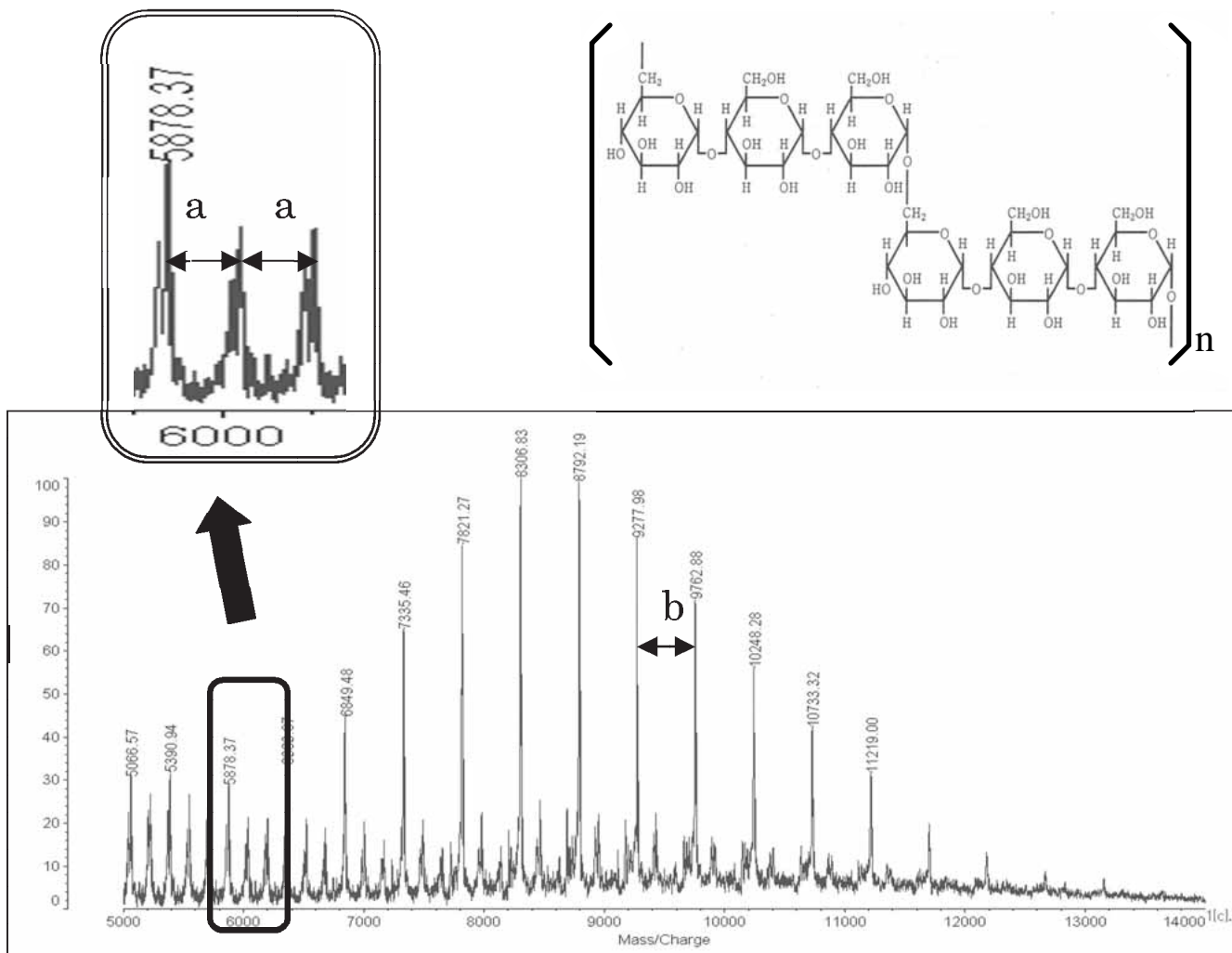


## Analysis of Linear Polysaccharide Chain using MALDI-TOFMS

Pullulan, a widely used additive in foodstuffs and medicines, is a neutral homo polysaccharide comprised of a chain configuration of maltotriose units, each formed by 3 glucose molecules. The minimum polymer unit glucose (a:fM=162) fragment and maltotriose unit (b:fM=486) fragment can be observed using AXIMA-CFR.



MALDI-TOFMS (AXIMA-CFR) Spectrum