

Abbreviations

| | |
|---------------|--------------------------------------|
| DAG | Diacylglycerol |
| DDA% | Degree of deacetylation |
| DSC | Differential Scanning Calorimetry |
| gm | Gram |
| GDM | Gestational diabetes |
| GITe | Glutathione-insulin transhydrogenase |
| h | Hour |
| HMWC | High molecular weight of chitosan |
| HP β CD | Hydroxypropyl- β -cyclodextrin |
| IDDM | Insulin dependent diabetes mellitus |
| IDE | Insulin degrading enzyme |
| IR | Infrared Spectroscopy |
| IU | International unit |
| KDa | kilo Dalton |
| Labrasol® | PEG-8 caprylic/capric glycerides |
| LMWC | Low molecular weight of chitosan |