

Table S1: Color parameter of Spray-dried gelatin and Freeze-dried gelatin.

| | Spray-dried Gelatin | Freeze-dried Gelatin |
|--------------------------------|---------------------|----------------------|
| CIELab | L* = 472.2671 | L* = 371.0127 |
| | a* = -1.6761 | a* = 0.2594 |
| | b* = 19.3046 | b* = 43.6726 |
| Tristimulus | X = 7071.2491 | X = 3531.3445 |
| | Y = 7457.5894 | Y = 3713.6568 |
| | Z = 7574.1517 | Z = 3300.4208 |
| Whiteness | WI = 7437.5281 | WI = 3656.5520 |
| Tint Index | T = 7455.8278 | T = 3706.5397 |
| Yellowness ASTM E313-00 | YI = 8.0015 | YI = 22.7383 |
| Gardner ASTM D6166 | Gtm = 1.8533 | Gtm = 3.3191 |
| Gardner DIN EN1557 | Gtm = 1.8505 | Gtm = 3.3199 |