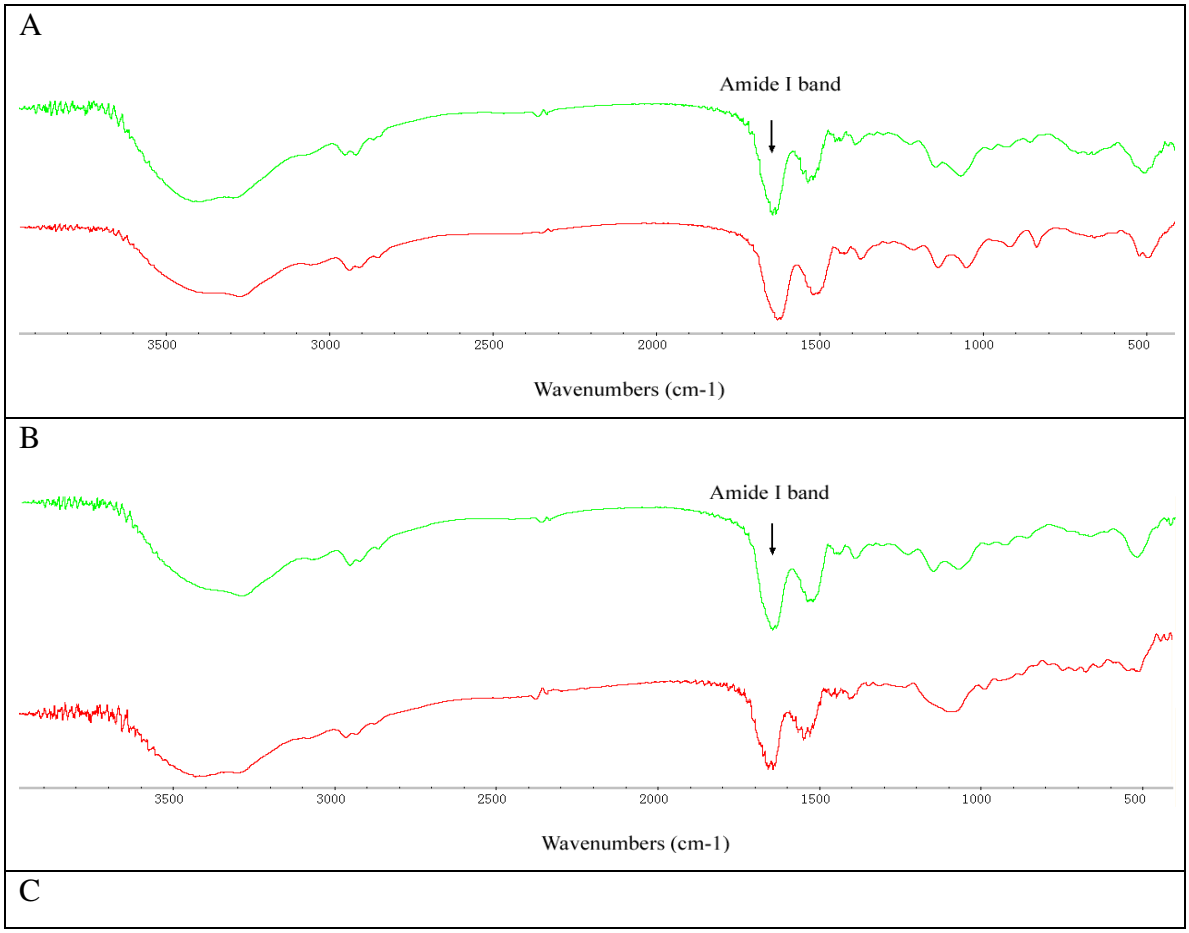
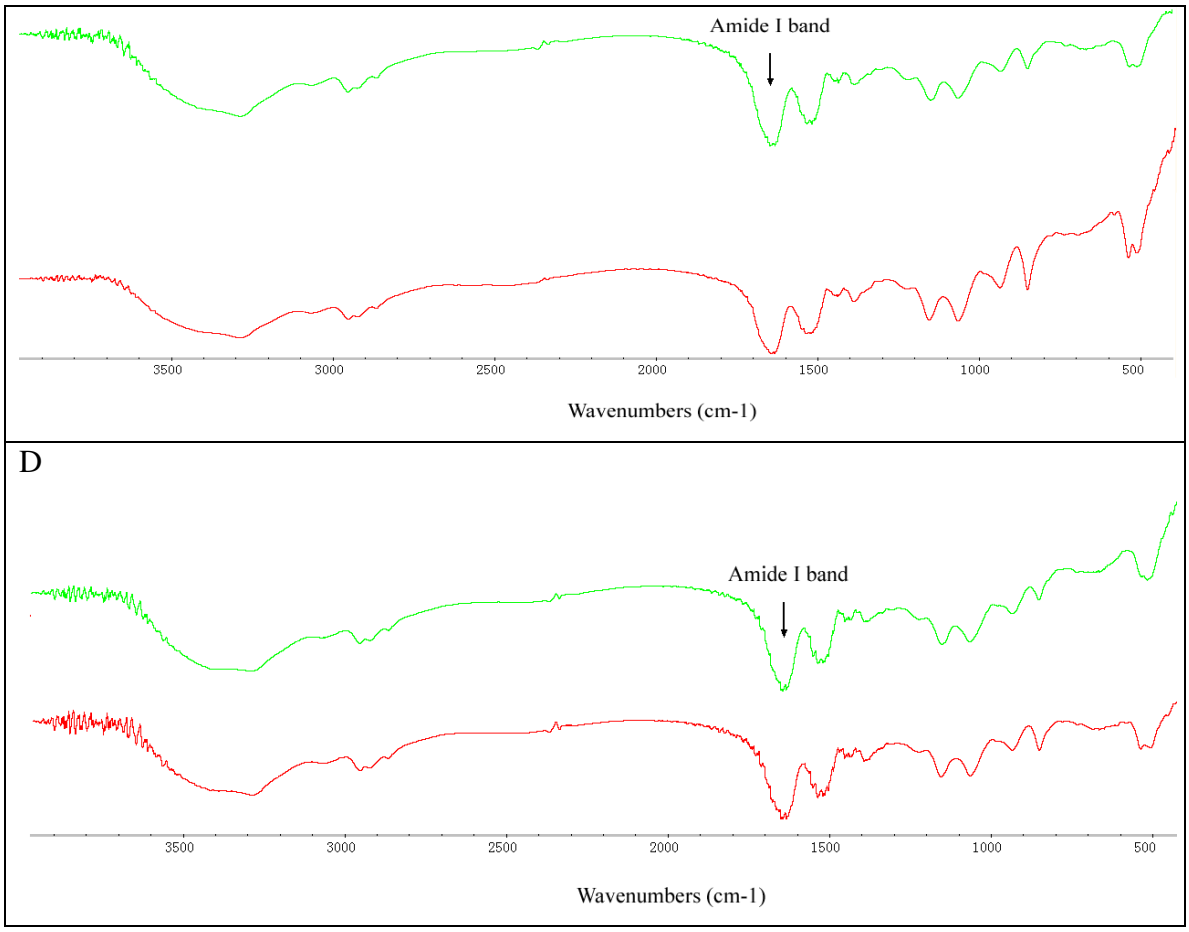
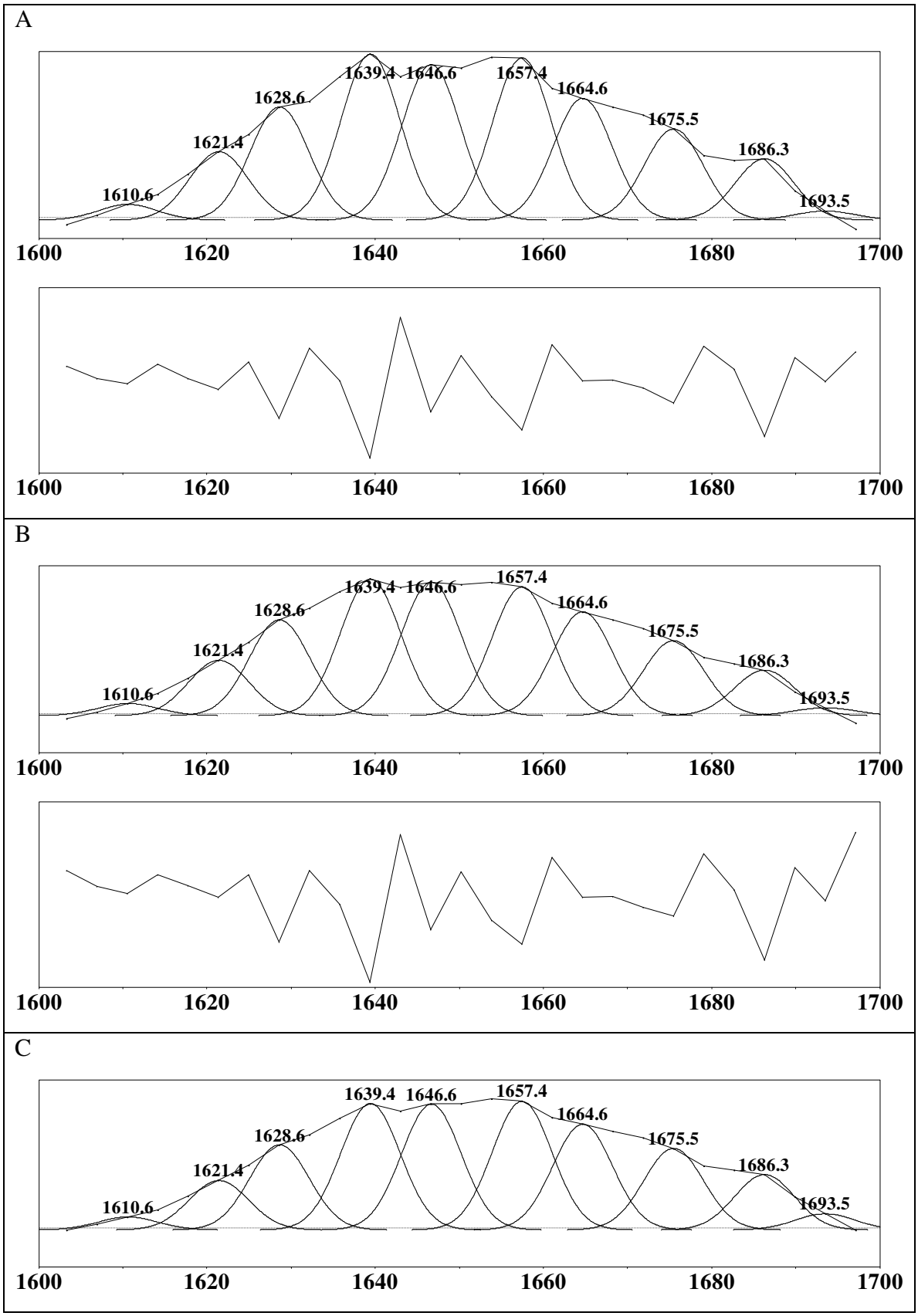
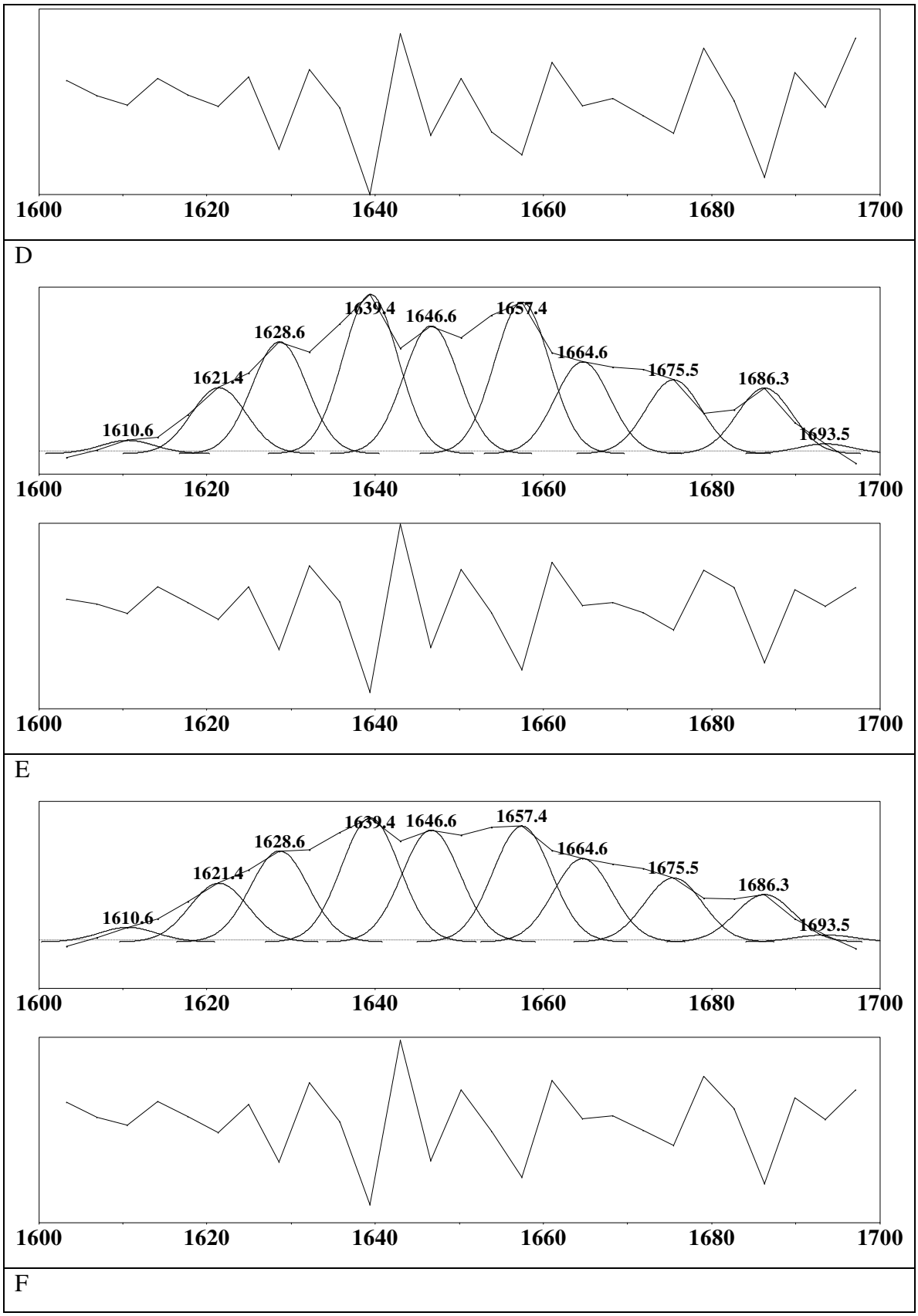
Supplementary Fig.1. FT-IR spectrum of β-Lg – EGCG complexes and free β-Lg prepared at various heating temperatures and neutral pH. (A) β-Lg – EGCG complex (upper) and pure β-Lg (lower) prepared at 30 ℃. (B) β-Lg – EGCG complex (upper) and pure β-Lg (lower) prepared at 55 ℃. (C) β-Lg – EGCG complex (upper) and pure β-Lg (lower) prepared at 70 ℃. (D) β-Lg – EGCG complex (upper) and pure β-Lg (lower) prepared at 85 ℃.

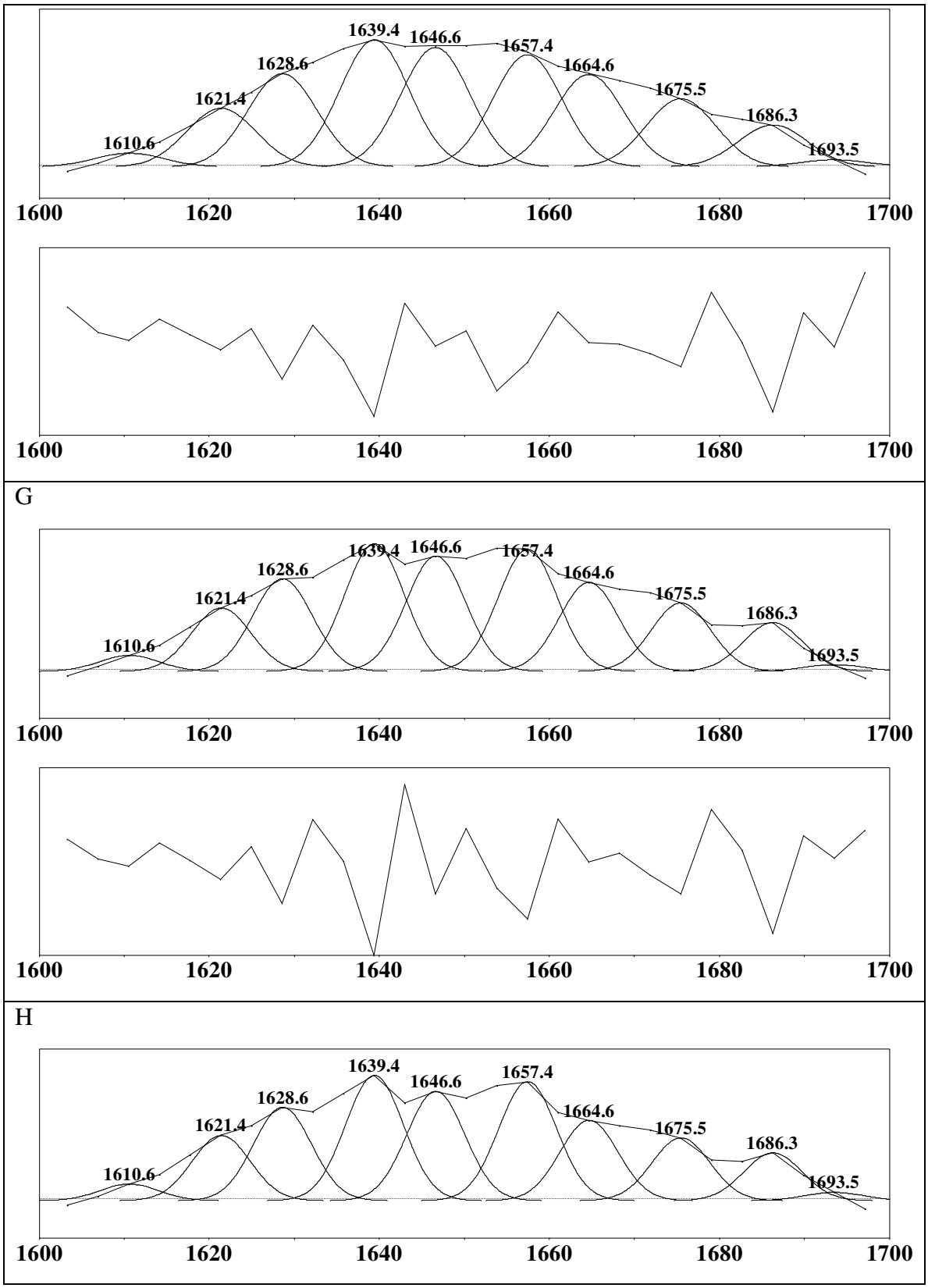


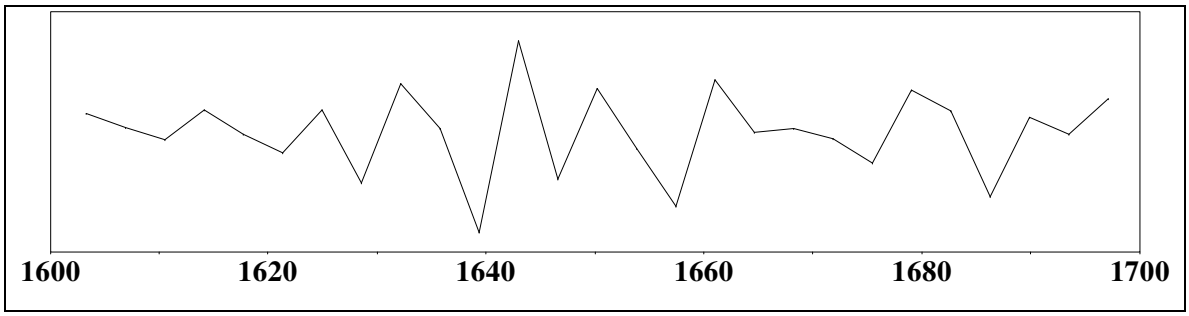


Supplementary Fig.2. The amide I band (1600–1700 cm^{-1}) and fitted band components (upper) and the second derivative spectrum (lower) of β-Lg – EGCG complexes and pure β-Lg prepared at various heating temperatures and neutral pH. (A) β-Lg – EGCG complex prepared at 30 ℃. (B) Pure β-Lg prepared at 30 ℃. (C) β-Lg – EGCG complex prepared at 55 ℃. (D) Pure β-Lg prepared at 55 ℃. (E) β-Lg – EGCG complex prepared at 70 ℃. (F) Pure β-Lg prepared at 70 ℃. (G) β-Lg – EGCG complex prepared at 85 ℃. (H) Pure β-Lg prepared at 85 ℃.


A
1610.6
1621.4
1628.6
1639.4
1646.6
1657.4
1664.6
1675.5
1686.3
1693.5
1600
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1640
1660
1680
1700
B
1610.6
1621.4
1628.6
1639.4
1646.6
1657.4
1664.6
1675.5
1686.3
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1646.6
1657.4
1664.6
1675.5
1686.3
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1600
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