

the first 6 bands do not correspond to the first 6 bands of the reference spectrum. The first 6 bands of the reference spectrum are at 700, 800, 900, 1000, 1100, and 1200 cm<sup>-1</sup>. The first 6 bands of the sample spectrum are at 700, 800, 900, 1000, 1100, and 1200 cm<sup>-1</sup>.