$$\Psi_{187} = C_1 \left(|2duu\rangle + |2udu\rangle + |2uud\rangle + |d2uu\rangle + |du2u\rangle + |duu2\rangle + |u2du\rangle + |u2ud\rangle + |ud2u\rangle + |udu2\rangle + |uu2d\rangle + |uud2\rangle\right)$$

$$C_1 = \frac{1}{2\sqrt{3}}$$