$$\Psi_{188} = C_1 \left(|022u\rangle + |02u2\rangle + |0u22\rangle - |202u\rangle - |20u2\rangle + |220u\rangle - |22u0\rangle + |2u02\rangle - |2u20\rangle - |u022\rangle + |u202\rangle - |u220\rangle\right)$$

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