WHAT IS CLAIMED IS:

1. A cell recovery method for recovering cells which are cultured in at least one container containing a liquid medium and adhere to an inner surface of the container, the method comprising performing:

a medium discharge step of discharging the liquid medium from the container;

after the liquid medium is discharged, a peeling liquid supply step of supplying a peeling liquid for peeling the cells from the inner surface of the container to the container;

after the peeling liquid is supplied, a first waiting step of waiting for a first predetermined time period, which is a time period until the cells are in a state right before being completely peeled from the inner surface of the container by action of the peeling liquid;

after the first waiting step is completed, a peeling liquid discharge step of discharging the peeling liquid from the container;

after the peeling liquid is discharged, a second waiting step of waiting for a second predetermined time period, which is a time period until the cells are completely peeled by action of a residual peeling liquid; and

after the second waiting step is completed, a recovery liquid supply step of supplying a recovery liquid for recovering the cells to the container.