

ABSTRACT OF THE DISCLOSURE

Provided are a quartz glass crucible capable of withstanding a single crystal pull-up step undertaken for
5 a very long period of time, such as multi-pulling, and a manufacturing method thereof.

A quartz glass crucible 1 includes: a cylindrical crucible body 10 which has a bottom and is made of quartz glass; and crystallization-accelerator-containing coating
10 films 13A and 13B which are formed on surfaces of the crucible body 10 so as to cause crystallization-accelerator-enriched layers to be formed in the vicinity of the surfaces of the crucible body 10 by heating during a step of pulling up a silicon single crystal by a
15 Czochralski method.