

ABSTRACT

Provided is a catalyst which, when used in a selective catalytic reduction reaction in which ammonia serves as the reducing agent, further improves denitration efficiency at low temperatures compared to the prior art. The denitration catalyst comprises vanadium oxide as a main component, and has a content of a second metal, in terms of oxide, of 1-40 wt%. The second metal is at least one type of metal element selected from the group consisting of Co, W, Mo, Nb, Ce, Sn, Ni, Fe, Cu, Zn, and Mn.