

METHOD FOR PRODUCING MODIFIED ALUMINOSILICATE, MODIFIED  
ALUMINOSILICATE, AND METHOD FOR PRODUCING AROMATIC  
POLYHYDROXIDE COMPOUND USING SAME

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## ABSTRACT

Provided is a method for manufacturing a modified  
aluminosilicate in which a hydroquinone is highly selectively  
manufactured by a reaction between a phenol and hydrogen  
peroxide under industrially advantageous conditions, wherein  
10 the manufacturing method includes: a second step for treating  
an aluminosilicate with an acid, the highest peak (B) in a  
region of  $17.5\text{--}35^\circ$  in XRD measurement being located in a  
region of from  $20^\circ$  to less than  $22.5^\circ$ , and the peak intensity  
ratio of the peak (B) relative to the highest peak (Y) in a  
15 region of  $25\text{--}27^\circ$  being in a range of 1.7–5.0; a third step  
for performing primary calcination of the treatment product  
obtained in the second step; and a fourth step in which the  
primary calcined product obtained in the third step and  
liquid containing one or more elements selected from the  
20 group consisting of elements in Group 4 and Group 5 of the  
Periodic Table are brought into contact with each other, and  
drying and secondary calcination then performed.

[Figure 1]