

## ABSTRACT OF THE DISCLOSURE

### PROCESS FOR PRODUCING OXIME

The present invention provides a process for producing an oxime by an ammoximation reaction of a ketone with a peroxide and ammonia in the presence of a titanasilicate that shows the x-ray diffraction pattern having peaks at the following points in a chart of lattice spacing:

lattice spacing  $d$  (Å):

|    |              |
|----|--------------|
|    | 13.2±0.6,    |
| 10 | 12.3±0.3,    |
|    | 11.0±0.3.    |
|    | 9.0±0.3,     |
|    | 6.8±0.3,     |
|    | 3.9±0.2.     |
| 15 | 3.5±0.1, and |
|    | 3.4±0.1.     |