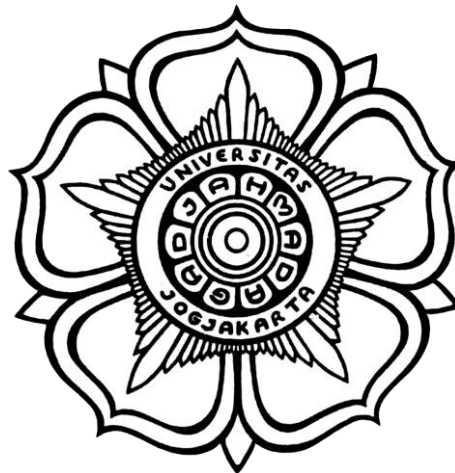


**SKRIPSI**

**ADSORPSI  $Ca^{2+}$  DAN  $PO_4^{3-}$  MENGGUNAKAN ZEOLIT ALAM AKTIF TERMODIFIKASI SETIL TRIMETILAMMONIUM BROMIDA (CTAB) DAN DODESIL DIMETIL-3-AMONIO-1-PROPANASULFONAT (DPS)**

***ADSORPTION OF  $Ca^{2+}$  AND  $PO_4^{3-}$  USING ACTIVE NATURAL ZEOLITE MODIFIED BY CETYL TRIMETHYLAMMONIUM BROMIDE (CTAB) AND DODECYL DIMETHYL-3-AMMONIO-1-PROPANESULFONATE (DPS)***



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13/349725/PA/15564

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YOGYAKARTA  
2018**