

The results of the Microbial Limit tests of the drugs were shown in date as follows
3.1 Chloramphenicol palmitate syrup, fifty five samples of about $30-60 \mathrm{ml}$ in suitable containers were tested and shown as table 6 .
table 5. Identification of totel arobic microbial count $/ \mathrm{ml}$ of Chloramphenicol plmitate syrup

| Item INO. | Activ | Identification |  |  |  |  | Total aerobic microbial count/mI |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{aligned} & \text { ed } \\ & \text { en } \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \text { r- } \\ & 0 \\ & 0 \\ & 0 \\ & \text { in } \end{aligned}$ |  |  |
| 1. | Chloram.palm | Eve |  | $-$ | -- | - | 318,500 |
| 2 | Chloram.pelm. | Өve | - | - | - | - | 39 |
| 3 | Chloranopalm. | pve | - | - | - | - | 93 |







3.2 The results of Microbial Limit tests, fourty four samples of gel antacid containing from 120 ml up to 300 per package were shown in table 7 and of twenty three samples of tablet antacid were shown in table 8

Table 7. Identification and Total aerobic microbial count/ml of






Table 8. Identification and total aerobic microbial ccunt/E of Antacids.

| Item No. | Active Ingredient | Identification |  |  |  |  | $\left\{\begin{array}{l} \text { Total } \\ \text { aerobic } \\ \text { microbial } \\ \text { count } / E \end{array}\right.$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} 0 \\ 0^{0} \\ 0 \\ y \\ \vdots \\ 0 \\ 0 \\ 0 \end{gathered}$ | $\begin{aligned} & 0 \\ & 0 \\ & 0 \\ & \text { n } \\ & . \quad . \\ & 0 \\ & \vec{y} \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  |  |
| 45 | Aluminum Oxicle ${ }^{\text {a }}$ ( $/$ / | Que | - | - | - | - | 7 |
| 46 | Mag.Trisil. <br> Alum.hydrox. |  |  |  | owth |  | - |
| 47 | Nlum.hydrox. Gel |  |  | cr | owth |  | - |
| 43 | Alum.hydrox. Gel Mag. Hydrox. | Ove | - | - | - | - | 460 |
| 49 | Alum.hydrox. |  |  |  | owth |  | -. |
| 50 | Alum.hydrox. | $\theta \mathrm{ve}$ | - | - | - | - | 43 |
| 51 | Alun.hydrox. Mace Jdrox. | Ove | - | - | - | - | 202,500 |
| 52 | Nlum•列边rox. |  |  | 8 B | owth |  | - |
| 53 | Nag. liydrox. nlum.hydrox. |  |  | $\bigcirc$ | owth, |  | - |
| 54 | Altm.hydrox. pay.fiydrox. |  |  |  | owth |  | - |
| 55 | Dried Slum hydrox Gel |  |  | - Cr | owth |  | - |
| 56 | Alum.hydrox. Magallydrox. | Ove |  |  |  | - | 43 |


| Item No. | Active-Ingredient | Identification |  |  |  |  | $\left\{\begin{array}{l} \text { Total } \\ \text { aerobic } \\ \text { microbial } \\ \text { count /G. } \end{array}\right.$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Gram bacillus | $\begin{gathered} \\ \sqrt[4]{3} \\ 4 \\ \vec{~} \\ 0 \\ 0 \\ 0 \end{gathered}$ |  | $\begin{gathered} \\ .-1 \\ r_{0} \\ 0 \\ 0 \\ 0 \end{gathered}$ |  |  |
| 57 | Alum.hydrox. Gell |  |  | No | crow | th | - |
| 58 | Dried.Alumohydrox. Gel Mag.Trisil | 0 | - | - | - | - | 113,000 |
| 59 | Dried hlum. hydroy- Gel | eve | - | - | - | - | 23 |
| 60 | hilum. hydrox, Gel |  |  | No gro | owth |  | - |
| 61 | Alum. hydrox. Gel |  |  | No gr | owth |  | - |
| 62 | Alum. Mydrax. Gel | Qve |  | - | - | - | 343,500 |
| 63 | Alum. hydrox.ล GeI ณมห | Qve | - | ย - | - | - | 44,000 |
| 64 | Alum. hydrox. Gel | $\oplus \mathrm{v}$ | - | -- | - | - | 43 |
| 35 | Alum. hydrox. Gel |  |  | No er | owth |  | - |
| 66 | Alum. hydrox. Gel | $\theta$ | - | - | - | - | 240 |
| 67 | Alum. hydrox. Gel | Ove | - | - | - | - | 4 |

3.3 Antitussis \& Rxpectorants

IIost of the pharmaceutical preparations of anti-couch were in the form of mixture; even some dosage forms were in tablet. The packace of mixture were usually from $30-120 \mathrm{ml}$ in suitable containers.

The results of fourty seven tested samples wore recorded in table 9, and twenty six samples of tablet form were shown in table 10.

Table 9 Identification and to total eerioric microbial aount/ml of Antitussis and $\mathbb{E x p o c t o r a n t s}$.

|  |  | Identification |  |  |  |  | Total aerobic microbial count/ml. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Item 170. |  |  |  |  | $\begin{aligned} & \text { H7 } \\ & 0 \\ & 0 \\ & \text { Ein } \end{aligned}$ |  |  |
| 1 | Glycoryl Cuaiecolate Anm.Chloride <br> Fheny lpropano Iamino <br> Hicy | que | - | - | - | - | 20 |
| 2 | Ephedrine IIC1 Terpin IIydrate Dextromethorphan HBr |  |  | - | - | - | $1,100$ |
| 3 | Chiorphon Naleate Ann. Ch loride ALONGKORI Ephedrine HCI | $\begin{aligned} & \text { que } \\ & \text { que } \end{aligned}$ |  |  | -- | - | 6 |
| 4 | Spt.iimm Arom <br> Sod.Chloride |  |  |  |  |  | - |
| 5 | Dextromethorphan IIBr Terpin IIydrate Glyceryldauaiacolate | Qve | - | - | - | - | 240 |


| Iten No . | Active IṅErodiont | Identification |  |  |  |  | Total <br> acrobic <br> nicrobial <br> count/ril. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{gathered} \ddot{\sim} \\ \stackrel{\rightharpoonup}{0} \\ 0 \\ \text { aid } \end{gathered}$ |  |  |
| 6 | Monthol Cryst. <br> Lic. Tolu. Conc. <br> Tr .Scillac. <br> Ir .Carnhor Go. <br> Tr. Bonzoin Co. |  | $\cdots$ | - | - | - | 12 |
| 7 | KI <br> Amin.Chlorico <br> Fot Guaiacolatc |  | No e | crowth |  |  | - |
| 8. | Tr. Inocac <br> Spt. camihor <br> Anm.Chlorite |  |  | crowth |  |  | - |
| 9 | Dextromethorphan <br> Prhedrind HCl <br> Ama.Chloricle | ทย | Peni ลัย | cins: |  | P. | 3 |
| 10 | Glyceryl Guaiacolate Anno.Chloride Fhony lipropanolamine | $\left\lvert\, \begin{aligned} & \text { Qve } \\ & \text { } \end{aligned}\right.$ | - | - | - | - | 43 |
| 11 | Dextrome thor ihen <br> Dighentydramine <br> Amna. Chloride |  | ITo | rowth |  |  | - |
| :2 | Erhedrine HCl <br> Torpin Hydrate <br> Dextromethorphen |  | No | rowth |  |  | - |


|  |  | Idontificction |  |  |  |  | Total aorobic <br> microbicl <br> count/ml |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Itom No . | Letive Ingredients |  |  |  |  |  |  |
| 13 | Lmm,Chloride <br> Brheirine HCI |  |  | prowth |  |  | - |
| 14 | Ephedrine HCl <br> Anm.Chloride <br> Sod.Citrato |  | 1 No | prowth |  |  | - |
| 15 | Ann.Chloride <br> Ephodrine HCl <br> Soc.eitrate |  | $170$ | prowth |  |  | - |
| 16 | Syr.Tolu. <br> Acid acetic acid <br> Anm.Chloride |  |  | prowth |  |  | - |
| 17 | Anm.Chloride Sod.eitrate |  | $+1 \pi^{0}$ | prowth | h |  | - |
| 18 | Dextromethorphan HBr <br> Pphedrinc $\mathrm{HCl}_{\text {ALONGKORN }}$ <br> Tornin. Hydrate $\qquad$ | ชิvi |  | $\left\lvert\, \begin{aligned} & \mid- \\ & \mid \text { ITY } \end{aligned}\right.$ | - | - | 4 |
| 19 | Dextromethorphen <br> Amm.Chloride <br> Ephedrins HCl |  |  | crowth |  |  | - |
| 20 | Pot.Guaiacol <br> Sulfonate <br> Amm.Chloride |  |  | crowth |  |  | - |
| 21 | Diphenhydramine HCl Dextromethorphan Amm.Chloride |  | ${ }^{\text {No }}$ | Erowth |  |  | - |


| Item No. | Active Ingredient | Identification |  |  |  |  | Total aerobic microbial count |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| 22 | N-Cyclohexy 1, ( $-\mathbb{N}-$ methy 1 <br> -2- amino -3,5 dibromobenz amnonium Chloride pot. Guaiacolate | 1) | No | growth |  |  | - |
| 23 | Diphenhydramine <br> Glycoryl Guaiacelsto <br> Sod.eit. <br> Phenylpropanolamine HCl |  |  | Crowth |  |  | - |
| 24 | Amm. Chloride <br> Sod ocit. <br> Ephedrine HCI |  |  | erouth |  |  | - |
| 25 | Dextromethorphan HBr Ipocacuanha Iiquid Extract. |  |  | erwoth <br> เลัย |  |  | - |
| 26 | Amna, Chloride <br> Ephedrine HCI <br> Fot.Guaiacol §ulfate | Qve | * | ERSIT | - | - | 4 |
| 27 | Dextromethorphan Br <br> Ephodrinc HCl <br> Torpine Hydrate | Qve | - | - | - | - | $1,100$ |
| 28 | Anm.Chloride Socl .Cit. |  |  | $\mathrm{C}^{\text {rowth }}$ |  |  | - |
| 29 | IT-Acctyl-I-amino phonol Phonylephrine HCI | Ove | - | - | - | - | 460 |



|  |  | Identification |  |  |  |  | Total acrobic microbial count/ml |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Itom INo. | Active Ingredionts |  | 算 |  |  |  |  |
| 39 | Arm.Chloride Ephedrine HCl Tr.Ipecac. |  | No | crwoti |  |  | - |
| 40 | Anin.Chloride Sod.eit. <br> Ephedrine HCl | OVe | - | - | - | - | 43 |
| 41 | Ephedrine HCl Terpin Hydrate Dextromethorphan IMB | 日ve ®ve | - | - | - | - | 7 |
| 42 | Dextromethorphan/ TBBo Ephedrine HCl <br> Pot, Guaiacol | eve | $\square$ | - | - | - | 39 |
| 43 | Dextromethorphan IBBr Ephodrine HCl Torpin Hydratc |  |  | $10 \text { growt }$ |  |  | - |
| 44 | Doxtromethorphan HBr . <br> PhenyLephrinc. IHCI | Pre | - | -T | - | - | 4 |
| 4.5 | Pot Guaiacolsulfonete Ann. Chloride | Gve | - | - | -- | - | 24,150 |
| 46 | Dextromethorphan IBr Amn.Chloride Ephedrine HCl |  | No | Erowth |  |  | - |
| 47 | Ephedrine IIC1 Dextronethorphan IBr Aran.Chloride Sod.cit. | Qve | - | - | - |  | 4 |

Table 10. Identification and total aerobic microbial count/g of Antitussis


| Item No. | Lctive Ingwedient. | Inentification |  |  |  |  | Total aerobic microbial count/C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{array}{l\|}  \\ \\ 20 \\ 8 \\ 8 \\ 6 \\ 5 \\ 5 \\ 8 \\ 2 \end{array}$ | $\begin{aligned} & 4 \\ & 0 \\ & 0 \\ & 3 \\ & 0 \\ & 0 \\ & 3 \\ & 3 \\ & 0 \\ & 0 \\ & 0 \\ & 6 \end{aligned}$ | $r-1$ -1 0 0 0 0 |  |  |
| 56 | Dextromethorphan ABr Guaiacol Carb. <br> Terpin liydrate | Ove | - | - | -. | - | 93 |
| 57 | Dextronethorphan FBr |  | - | . | -- | -. | 460 |
| 58 | Dextronethorpana ntit Ephedrine HCI Terpin. Eydraye | eve |  | - | $\cdots$ | ... | 460 |
| 59 | Dextronethorphan W30 Phenylpropenolamines Terpin Bydrake |  |  | .. | - | - | 7 |
| 60 | Dextronethorphan |  |  | - | - | - | 1,100 |
| 61 | Sod. Ditertiaryงกรณ์มห butylnaphthalene monosulfonatcloNGKORN | किल |  | ย - <br> ITY | - | - | 460 |
| 62 | Chlorpheniramine maleate Dextromethorphan HBr | $\begin{array}{\|l\|l\|} \hline \text { Ove } \\ \text { Ove } \end{array}$ | - | - | $\cdots$ | $\cdots$ | 2,400 |
| 63 | Dextronethorphan | Qve | - | - | - | - | 43 |
| 64 | Dextromethorphan H3r. | Ove | - | - | - | " | 460 |



### 3.4 Thai-native drugs

The finished product of Thai - nativedmigs from various dispensaries were in powdej; and compressed forms. The preparatory method was dried and palverized orude drug into powder. The results were indicated in table 11

Table 11. Identification and total aerobic microbial count/g of Thai-native drugs


| Item No. | Dosage <br> form | Active Ingredient (Thai title) | Identification |  |  |  |  | Total aerobic microbial <br> count/g |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2 3 3 -1 0 0 0 0 5 0 0 0 |  | $$ | $\begin{gathered} - \\ \\ -i \\ -1 \\ 0 \\ 0 \\ 0 \end{gathered}$ |  |  |
| 7 | Powder | ลูกเมปวกกานี <br> นําประสานตองสตุ | $\begin{aligned} & \oplus \mathrm{ve} \\ & \mathrm{Qve} \end{aligned}$ | - | - | - | - | 16,360 |
| 8 | Powder | เปราะหนม , ผาจเสน จันทรแดง | eve | - |  | - | - | 1,100 |
| 9 | Powder | "_"-" | Qve ©VG |  | - | - | - | 5,800 |
| 10 | Powder | พิมเสน, โกฎกระดูก <br> กานพล | $\begin{gathered} \varphi \mathrm{ve} \\ \mathrm{Ove} \end{gathered}$ |  | - | - | - | 48,500 |
| 11 | Powder | กระดกเลือ ออกจันทร หาง ไหลแผค | ©ve eve | $-$ | - | - | - | 184,000 |
| 12 | Powder | ชะเతุมเฟक คอกจนไร | Qve | - | (3)- | - | - | 22,500 |
| 13 | Powder | ขึงแหง ลกราชัตัก ไปลีอกสมจีน | $\theta \mathrm{v}$ | ทยา | - | - | - | 166,500 |
| 14 | Powder | 9บชมเหดไทย <br> ใบฝ゙กกระโฉม <br> ใบพิมเสน | eve | - | ST | - | - | 310,000 |
| 15 | Powder | $\begin{aligned} & \text { ลักกระ ดอม } \\ & \text { จันทร์ } \end{aligned}$ | Qve | - | - | - | - | 101,000 |
| 16 | Powder | เทียเนกำ ดาปลน | Ove | - | - | - | - | 761,000 |
| 17 | Powder | $\begin{aligned} & \text { โกฏเชียง } \\ & \text { อบเชยเทศ } \end{aligned}$ | Ove | - | - | - | - | 47,500 |
| 18 | Powder | พรีกไทยคำ บร ฝพค เมลดปาย | Qve |  | - | - | - | 126,000 |


| Item No. | Dosage form | Active Ingredien (Thai title) | Identification |  |  |  |  | Total aerobic microbial count/g |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | $\begin{gathered} \ddot{0} \\ 0 \\ 0 \\ \text { in } \end{gathered}$ | $\begin{array}{\|c\|} \hline 0 \\ 0 \\ n \\ 0 \\ - \\ -1 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 0 \end{array}$ |  |
| 19 | Powder | ช่า.ไพล, อิวมะกรูด | Qve | - | - | - | - | 590,000 |
| 20 | Powder | กจษแาเนี้อไม้, เกษร ทัง 5 , ลูกระะหน | Aye | - | - | - | - | 213,500 |
| 21 | Powder | โกฏเชี่ยง, โส่วเค้หลี่ | Qve | - | - | - | - | 27,650 |
| 22 | Powder | ชะ เอมเทศ, พีมเสน | Qve | - | - | - | - | 75,500 |
| 23 | Powder | ระยอม, ยดดํา <br>  | Ove | - | - | - | - | 479;500 |
| 24 | Powder | ใบพิมเสน, ผักกร์ปจมม | Qve |  | - | - | - | 164,000 |
| 25 | Powder: | ใบพิมเส่นกใบสันพราหอม | Qve | - | - | - | - | 231,500 |
| 26 | Powder | กระคกงเหลือม ลูกค้าคีคว่วาย | Pve. | - | กอ | - | - | 460 |
| 27 | Powder | พริก ตทยรอน วานนำ, อิง | өve | - | - | - | - | 439,000 |
| 28 | Powder | โกฏเซียง ลูกเรว, โกมหัวบัว | Qve | - | - | - | - | 198,000 |
| 29 | Powder | ว่านน้ำ, กี่ปลี กานพล | Ove | - | - | - | - | 167,000 |
| 30 | Powder | ลกชัด, จันทรแคง ซิะ เอม | Qve | . | - | - | - | 237,000 |
| 31 | Powder: | - ถี่ปุี่, ชูงแห้ง วานนำ | Qve | - | - | - | - | 181,000 |


| $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ | Dosage form | Active Insredient (Thai title) |  | dent <br>  | fica <br>  |  |  | Total aerobic microbial count/8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 32 | Prste | ระยอม, ยาดำ เปลื่อกยางเสน | eve | - | - | - | - | $141,000$ |
| 33 | (T-5) | โกฎท้้ง 5 , ระอม เปลื่อกประดเงขาว | eve | ${ }^{-}$ | - | - | - | 501,500 |
| 34 | " | ขังแหง, เงลีอคมะกา | feve |  | - | - | - | 83,500 |
| 35 | " | โสมเกวขหล เปลือกสมจี่น | Qve |  | - | - | - | $1,100$ |
| 35 | 18 | โกูสอ, ชะเอมเทั | $\left\lvert\, \begin{gathered} \text { ove } \\ -v e \end{gathered}\right.$ | - | - | - | - | 192,500 |
| 37 | " | ใบสันพราขุกม ดอกจันทร, ขิง | eque |  | - | - | - | 71,000 |
| 38 | " | $\text { โกฎทัง } 5 \text {, ยาด่า }$ | าวิ |  |  | th |  |  |
| 39 | " | ระยอม, ยาดำ | Gve |  | - | - | - | 88,500 |
| 40 | ${ }^{\prime \prime}$ | ระยอม, แกนชี้เหล็ก บร เพ็ด | eve | - | - | - | - | $201,500$ |
| 41 | ${ }^{1}$ | โกฎทั้ง 5, พริกไทยรอน |  | - | $\cdots$ | - | - | 15\%,000 |
| 4.2 | " | ขิง, ไพลแหง, ดีปลี บรเพ็ด | Qve | - | - | - | - | $55,500$ |


|  |  |  | Iden | tif | cat | on |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Item No. | Dosage Form | Active Indredients <br> (Thai Title) |  | $\begin{gathered} \text { n } \\ 3 \\ 0 \\ \vdots \\ \vdots \\ \vdots \\ 0 \\ 0 \\ 0 \end{gathered}$ | $\begin{aligned} & \pi \\ & 0 \\ & 0 \\ & .7 \\ & 0 \\ & 0 \\ & 3 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | - - U 0 | $\begin{aligned} & 0 \\ & 2 \\ & 2 \\ & 0 \\ & 0 \\ & 1 \\ & -1 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 1 \\ & 0 \\ & 0 \end{aligned}$ | Total aer <br> microbial <br> count/g |
| 43 | Tab. | ผงชะเอม, เปลื่อกพิศนาค บร เพ็ด | Qve | -- | - | - | - | 213,500 |
| 44 | Tab. | ใบส้มพราหอม, อบเชย | $\oplus \mathrm{ve}$ ove | - | - | - | - | 26,000 |
| 45 | Tab. | ผงชะ เอม, บร เพ็ด | Qve |  |  | - | - | 57,000 |
| 46 | Tab. |  |  |  |  |  |  | 242,000 |
| 47 | Tab. | ผคชะ เอม |  |  | $9 \mathrm{~g}$ | owth |  | - |
| 48 | Tab. | ระยอม, ดีปลี | ove | - | - | - | - | 185,000 |
| 49 | Tab. |  ระยอม | Qve |  |  | - | - | 146,000 |
| 50 | Tab. | ริมเสเน ลกจันทร, คอกพิกล | Ove |  |  | - | - | 372,000 |
| 51 | Tab. | Wงชะ เอม, อบเชยฏูวน | $\theta \mathrm{ve}$ | - | - | - | - | 460 |
| 52 | Tab. | โกฏั้ง 5 , พิมเสน อบ เชยฏวน | Qve | - | - | - | - | 107,500 |
| 53 | Tab. | ดอกจันทร์, ลูกกระวาน พริกไทย | Ove |  |  | - | - | 246,500 |
| 54 | Tab. | โกอเขมา, ชะเอมเทศ | Ove | - | - | - | - | 245,000 |


| Item <br> No. | Dosage form | Active Ingredient (Thai title) | Identification |  |  |  | Total aerobic microbial count/g |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\left[\begin{array}{c}  \\ \\ \\ -1 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}\right.$ |  |  |
| 55 | Tab. | โกฏทั้ง 5 , ชิงแห้ง, | өve | - - | - | - | 364,500 |
| 56 | Tab. | $\begin{aligned} & \text { โกฎดระดก, โกดสอ } \\ & \text { โกฎนำเตาา } \end{aligned}$ | Qx | - | - | - | 142,000 |
| 57 | Tab. | 15 เพ็ด เปลือกพิศนา | © ve Qve |  | - | - | 190,500 |
| 58 | Tab. | อบเชย, โดลสอ | Pye | - | - | - | 138,000 |
| 59 | Tab. | โกฎทั่ง 5 , พิศนาค | Qve | - - | - | - | 298,500 |
| 60 | Tab | บรเพ็ด, ไพล, อบเชยมูวน | Qve | - 2 | - | - | 24,000 |
| 61 | Tab. | กานพอู, เปลือกตรโโนช บรเพ็ด |  |  | - | - | 48,500 |
| 62 | Tab. | ระยอมย, เจตพงดี่ | eve | - | - | - | 71,500 |
| 63 | Tab. | ยาดำ, โกฎทั้ 5 |  | No go | owth |  | - |
| 64 | Tab. | โกมกระดูก, ยาคำ, สมอไหย | Ove | - - | - | - | 86,000 |
| 65 | Tab | โกฎ เขม4 พโกฎกร ะดูก เมลคงาแหง | Qve | - - | - | - | 11,000 |
| 66 | Tab. | โกฎสอ, โกฎเขมา, ยาดำ, ใบกระฟงโหม | Qve |  | - | - | 117,000 |

## Percentage Contamination of <br> non-pathogenic microorganisms from <br> total tested samples.

Table 12 Chloramphenicol palmitate syrup


Table 13 Aluminun hydroxide Gel (Suspension intacids)


Table 14 Dried Aluy inum hydroxide Gor Pablets (Tablet Antacids)

| Total no. <br> of samples | Churesults | NJTY ${ }^{\text {S }}$ erowth | \% total |
| :---: | :---: | :---: | :---: |
| 23 | no crowth $\begin{aligned} \text { growth } & <10^{2} \\ n & >10^{2} \\ n & >10^{3} \\ n & >10^{4} \\ " & >10^{5} \end{aligned}$ |  | $73.90$ $26.10$ |

Table 15 Antitussis and Expectorant syrup.


Table 16 Antitassis and zxpectorant tablets.

| Total no. <br> of samples | Resultsกรณ์มหาวิทยา Chulalongkorn Univer | No. of growth SITY | \% total |
| :---: | :---: | :---: | :---: |
| 26 | no growth $\begin{aligned} \text { growth } & <10^{2} \\ " & >10^{2} \\ " & >10^{3} \\ " & >10^{4} \\ n & >10^{5} \end{aligned}$ |  | $46.15$ $53.85$ |



