

## DRUGS—Tabulated Statement, &amp;c.—Continued.

—Concluded.

| OF ANALYSIS.   |       |                 | Microscopical Examination.  | Remarks by the Analyst.   |
|----------------|-------|-----------------|---|---|
| Tartrate Lime. | Ash.  | Sulphuric Acid. |   |   |
| P. c.          | p. c. | p. c.           |   |   |
| .....          | 66.8  | 83.7            | .....   | Adulterated with over 60 p. c. of gypsum. I am of the opinion the adulteration is likely to be injurious to health.   |
| 7.8            | ..... | .....           | Pure .....  | Genuine.  |
| 5.0            | 47.7  | 19.5            | Contain 10 p. c. of corn starch .....   | Adulterated with about 50 p. c. terra alba (gypsum), tartaric acid and corn starch. The addition is not required, and is injurious to health.   |
| 7.5            | ..... | .....           | Pure .....  | Genuine.  |
| 8.3            | ..... | .....           | About 5 p. c. corn starch .....   |   |
| 7.2            | ..... | .....           | Pure .....  | Genuine.  |
| 1.             | 54.14 | .....           | Prepared slide shows an abundance of crystals having the form of alum crystals with those of cream of tartar..... | Adulterated to the extent of about 60 p. c. or more with powdered alum, and 7.50 p. c. of starch. I think the use of so much alum might be prejudicial to health.                     |
| 1.25           | 55.36 | .....           | do .....  | Adulterated with alum to the extent of about 50 p. c., and 11.5 p. c. of starch. I think the use of so much alum might be prejudicial to health.                                      |
| 84.28          | 74.35 | 54.35           | Failed to discover starch or other farinaceous matter sometimes used as adulterants.....                          | Adulterated to such an extent (with sulphate of lime) as to be injurious to health. The excess of sulphuric acid is, in my opinion, due to the sample being admixed with potash alum. |
| 65.32          | 75.18 | 55.48           | Free from starch.....   | Adulterated to an extent to be considered dangerous sulphate of lime (Plaster of Paris) occupying nearly 66 p. c. of sample, and having the addition of alum to supply acid taste.    |
| 7.56           | 38.20 | 6.615           | No starch.....  | Not genuine; containing more than traces of lime, and having an artificial strength made up with potash alum, as indicated by amount of sulphuric acid and excess of ash.*            |

\* See Chief Analyst's Report, page 117.