### BAKING POWDER

Report of the Ohio State Food Com-

mission THE CHIEF BRANDS ANALYSED.

TEST.

Their Strength and Value Officially Ascertained-A Large Number Impure and Unwholesome-Alum Must Go.

The Ohio State Dairy and Food Commissioner, Gen. S. H. Hurst, has made public (Circular No. 6) the results of the Commission's investigation of baking powder. This Commission was formed by the Legislature, with instructions to make an examination of the food supply of the State, and to give a report of such examination to the public. The examination of the baking powders was made by Prof. H. A. Webber, State Chemist, and, relating as it does to an article of daily use in the food of almost everyone, is of particular interest.

The rather startling fact is brought out by the report that of the thirty different brands of baking powder an-alyzed, composing about all those sold in the State, twenty of them are made from alum, a substance declared by the highest medical authorities to be injurious to health when used in food. The Commissioner classifies the bak-

ing powders into three general divisions, according to their value: 1st. Cream of Tartar Baking Powders; 2d. Phosphate Baking Powders; 3d. Alum Baking Powders.

The object of baking powders is, when mixed in the flour and subjected to moisture, to generate a leavening gas in the dough, which will raise the bread and cause it to be porous and light. The Commissioner explains that the best baking powder is that which, the in-gredients being healthful, gives off the largest amount of leavening gas and leaves the smallest amount of residuum in the bread. A small amount of carin the bread. A small amount of carbonate of ammonia, which is considered healthful, is used in some of the cream of tartar powders to give them a higher strength. The Commission say that pure alum is undoubtedly a hurtful salt, and that the resultant salts from its combination with soda as formed in the bread, can scarcely be less hurtful. The report ranks the powders and shows the amount in each of inert resultants, which in using it would appear as residuum in the bread, as follows: CREAM OF TARTAR POWDERS

	Name.	Per Cent, inert, or Residuum.
1.		7.2
2	De Deigo's	
3.	Dogwoon's	14.3
4.	Claroland's	
5.	Creveland s .	
6.	Show Drift,	
	Opper ren	
7.	De Land s	
8.	Sterning	
260	PHOSPHAT	IC BAKING POWDERS.
9.	Horsford's .	
10.		
	ALUM	BAKING POWDERS.
11.	Empire	
12.	Gold	
13.	Veteran	
14.	Cook's Favori	te
15.	Sun Flower	
16.	Kenton	
17.	Patapsco	
18.		
19.	Buckeye	
20.	Peerless	
21.	Silver Star	
22	Crown	
23.	Crown (Speci	al)
24.	One Spoon	
25.	Wheeler's No	. 15
26.	Carleton	
27.	Gem	
28.	Scioto	
29.	Zipp's Grape	Crystal11.9
30.	Forest City	24.0
	The large am	ount of inert matter o
re	siduum in 1	oth the phosphate and

residuum in both the phosphate and alum powders will be noted. This in the phosphate powders is largely of lime; in the alum powders it is chiefly alum. It will be gratifying to the pub-lic to observe that the powder in most general use, the Royal, is also the purest. I comparing the first two powders on the list, for instance—the Royal and Dr. Price's—the inert matter in Price's is seen to be about five in seven more than in the former, a difference of 71 3-7 per cent, the Royal being purer than Price's by a corresponding figure. The carbonic or leavening gas produced by the powders indicates their strength; and their true value may be ascertained by considering the amount of this gas in connection with their inert matter or residuum as shown above. The higher the percentage of gas and the lower the percentage of residuum the better the baking pow-der. These percentages, as found in

given as to	llows:	
· · · · · · · · · · · · · · · · · · ·	Per Cent. of	Per Cent. of
Name.	Leaving Gas.	
Gem, Alum.	8.45	
	Alum 7.80	
Silver Star.		
Kenton, Alt		
	lum 6	40.0
	ım 5.80	
Cook s Fave	orite, Alum., 5.80	34.9
One Spoon,	Alum 5.75	58.6
With th	a foregoing evi	planation the

some of the most familiar powders, are

With the foregoing explanation the study of these figures will readily give consumers a knowledge of the comparative value of the different brands. To illustrate with the precentages given the two powders before compared: the Royal containing 11.8 parts of leavening gas to 10.5 in Price's, its excess of strength is 1.3 in 10.5, or 12.4 per cent Royal is therefore 12.40 per cent stronger, as well as 71 per cent purer than Price's, etc. The relative strength and purity of all the powders can be computed in like manner.

Chief Galligan is Satisfied.

A reporter for the BER met Chief Galligan yesterday and asked him what he had to say with reference to the opinion that the fire department was inadequately equipped to suc cessfully contend with fires in the heart of the city. He replied that he had not been raising any disturbance about the matter. "I have all the hose I want," he said, "or will have it in a few days, when 2,500 feet which have just been ordered reach here. I am ex peeting two more hose carts, which are to take the place of the two-wheel carts, and take the place of the two-wheel carts, and then I will have all the carriages I need. I've go, all the steamers I want. I don't need steamers. The waterworks are doing first class. They give me all the pressure I want, because I don't fight fire on the ground. My men get within reach of the flames, and the pressure the works give is satisfactory to them. They would be likely to know if the water supply was not all that was required, and they haven't yet done any kicking."

The high degree of excellence at-Ranges" is not to be wondered at. The manufacturers employ the ablest experts to watch every point, and whenever an improvement is suggested it is at once tested, and if of value adopted. Purchasers who want a good article should certainly tuy the "Garland."

Meeting of Veteran Piremen. To night there will be a meeting of the veteran firemen at the office of Chief Engineer Galligan to elect officers and perfect

## SOUTH OMAHA NEWS

H. W. Black, a commission merchant Chicago, is in the city. Mrs. George Strong, of Kearney, is visit ing friends in the city

The work of grading N street from Twen ty-seventh west began yesterday. The Armour packing house was lighted with electricity Tuesday night for the

Gardner Hope, of Plum Creek, is in the

The policeman's ball took place last even-ing and a first class time was had. The volunteer fire company recently or-ganized will hold a ball on Thursday evening,

Mr. and Mrs. Peter Hammond, of Ammazonia, Mo, are in the city visiting friends on Twenty fourth street. Captain Cockrell, who was recently ap-minted postmaster, received his commission Puesday and will assume the duties of his

Daniel Kock, late of Miles, Iowa, but who for the past year has been sojourning in Kansas, passed through the city last night on his way to Woodbury county, Iowa, where he will reside in the future. Mr. Koch says he has had quite enough of western Kansas. John Leonard was before Judge Reuther yesterday charged with being drunk and disorderly. His honor sentenced him to fifteen days in jail, the first and last five on the bread and water plan. John Cerveni, charged with disturbing the peace, was discharged.

The mammoth packing house of G. F. Swift was opened yesterday. The building being yet in an unfinished state the force of men at yet in an unfinished state the force of men at work is comparatively small. This house will, when finished, be one of the largest and best arranged in the country. The appliances are all of the latest and most improved design and no pains have been spared to make everything connected with it as perfect as possible. Owing to a lack of courtesy on the part of the gentleman in charge the Beb reporter who visited the building this morning is unable to state definitely as to when the building will be entirely completed. For the same reason the number of cattle slaughtered to-day cannot be correctly stated, although it is but fair to be correctly stated, although it is but fair to presume from general appearances that the number will not exceed 100. This of course only applies to the present time. When everything is in order at least 800 head per day will be slaughtered.

## Ringing Noises.

In the ears, sometimes a roaring. buzzing sound, are caused by catarrh, that exceedingly disagreeable and very com-mon disaese. Loss of smell or hearing also result from catarrh. Hood's Sarsaparilla, the great blood purifler, is a peculiarly successful remedy for this lisease, which it cures by purifying the blood. If you suffer from catarrh, try Hood's Sarsaparilla, the peculiar medi-

No Express-Rate War. The telegraph yesterday from Chicago

brought the intelligence that the Wells-Fargo Express company had completed a contract for the extension of its business all along the line of the Atchison, Topeka & Santa Fe, and that this would probably be followed by a general express-rate war.

A Bee reporter called upon the representatives of the express companies in this city yesterday and those of them who were seen said that the telegram was without foundation, at least so far as a war was concerned. All that there was in the move was that the Wells-Fargo company had secured a right over the line which the road above meutioned will have completed road above meutioned will have completed into Chicago in a few days. This express company has heretofore controlled the express business on all the branches of the Atchison Topeka & Santa Fe road except the Colorado & Santa Fe, and it was expected that it would secure the latest line, which is now being built, from Kansas City by way of Fort Madison, Ia., to Chicago. It was true, so said these local express men, that there was a time when, by common consent express companies had territory which was not invaded by others, but that time no longer existed. The extension of the Wells Fargo line, therefore, to Chicago, meant nothing in the way of a rate-war.

No trouble to swallow Dr. Pierce's Pellets.

# The Press Club.

This organization, which means much to all the interests of Omaha, has secured rooms at the corner of Sixteenth and Douglas streets. The club is fully organized and will soon be in their new quarters. Gentlemen eligible to membership should not forget that the books open for charter membership close to-day. Mr. Snyder, editor of the Excessior, has the matter in charge, and all applications must be made to him. He is empowered with the right to accept or reject all applica-tions which may be offered for membership. A large number of newspaper men have signed during the week, and it is to be hoped that every one who has not yet signed the constitution will do so to-day.

On sunny shores of tropic isles, Where all the year bright verdure smiles, Constant fragrance fills the air. Yet will SOZODONT compare With those odors of the south, While it cleanses teeth and mouth

# Curtis Gets off Easy.

John Curtis lodges at Mrs. Curry's rooms, corner Sixteenth and Burt streets. He got drunk Tuesday night and proceeded to clean out the whole flat. He pulled out a huge dirk out the whole flat. He pulled out a huge dirk knife, and made a dash at John Morton, a fetlow lodger. At the first slash he caught Morton on the hip, making an ugly gash, then he made a lunge at his throat, but the stroke miscarried, and Morton leaped from the window. Then Curtis started for Mrs. Curry, but she, too, escaped. Then Mrs. Spencer was driven from her room, and there being no one left to butcher, Curtis took his departure. The police, however, captured him. He was fined \$25 and costs.

For Bronchial, Asthmatic and Pulmonary Complaints, "Brown's Bron-chial Troches' have remarkable curative properties. Sold only in boxes.

Held For Pocket-Picking. John Lewis, who is charged with picking Henry Page's pocket last Saturday and securing \$5, was given a preliminary hearing be-fore Judge Berka yesterday and put under \$1,000 bonds to appear before the district court. Lewis is a low-browed, ill-favored character and carries all the marks of a criminal in his brazen face. He is an old-

Dr. J. H. McLean's Strengthening Cordial and Blood Puritier, by its vital izing properties, will brighten pale checks, and transform a paie, haggard, dispirited woman into one of sparkling health and beauty. \$1.00 per bottle.

Under a Pole. Jasper Sieta, the Italian fruit peddler who had his foot injured Monday last by the falling of a telegraph pole, is pronounced not

Fined for Reckless Driving.
G. C. Collins, for driving recklessly across the Eleventh street viaduet yesterday afternoon, was fined \$5 and costs.

A Lost Boy. On Saturday last Herman Smart, the tenyear-old son of Mary Smart, colored, of 410 North Thirteenth street, disappeared and has not yet been heard from. The boy was sent with some washing by his mother, and no clue can be obtained to his whereabouts. At the time of his disappearance the lad wore a brown cap, checkered coat and light pants.

Children Cry for Pitcher's Castoria.

When Raby was sick, we gave her Castoria. When she was a Child, she cried for Castoria, When she became Miss, she clung to Castoria, When she had Children, she gave them Castoria.



Who is WEAK, NERVOUS, DEBILITATED, who in his FOLLY and IGNORANCE has TRIFLED away his VIGOR OF BODY, MIND and MANHOOD, causing exhausting drains upon the FOUNTAINS of LIFE, HEADACHE, BACKACHE, Dradful Dreams, WEAKNESS of Memory, BASH-PULNESS in SOCIETY, FIMPLES upon the FACE, and all the EFFECTS leading to EARLY BECAY and perhaps CONSUMPTION OF INSANITY, should consult at once the CELEBRATED Dr. Clarke, Established 1851. Dr. Clarke has made NERVOUS DEBILITY. CHRONIC and all Diseases of the GENITO URINARY Organs a Life Hudy, It makes MO difference WHAT you have taken or WHO has falled to cure you.

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ineness. The indisputable fact that Swift's Specific
is the best blood purifier in the world, is one of these
immovable Gibraltar rock facts of which we have
spoken, and every day's experience roots this conviction deeper and deeper in public opinion. Every
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every trade, calling and profession, including the
medical profession, have borne voluntary testimony to the remarkable virtues et 8. B. S. and
its infallible efficacy in curing all diseases of the
blood. These testimonials are on file by the thousands and open to the inspection of all. Now come,
unsolicited, two distinguished members of the theatrical profession, who gratefully testify to the wonderful curative qualities of the Specific in their individual cases. Their testimonials are herewith submitted to the public without further comment—let
them speak for themselves. The lady is a member of
the famous Thalia Theatre Company, of New York,
and formerly of the Residency Theatre, Berlin, Germany, and of McVicker's Stook Company, of Chicago.
The gentleman is a well known member of the New
York Thalia Theatre Company, Both are well known
in theatrical circles in this country and in Europe.

Charlotte Fundow's Testimony.

Charlotte Randow's Testimony.

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Among which we name few special lots for this week:

Mens' Good Blue Chinchilla Overcoats, double breasted, with good, warm cassimere lining and cut long. These are only in men's sizes, from 36 to 42. The coat is sold nowhere for less than \$6 to \$7.50. Our slaughter price for this coat is \$3,50.

An Elegant All Wool, Woven Back, Wide Wale Overcoating, blue color, mens'and youths' sizes. We have sold the same coat right here early in the season as a bargain for \$10.50 and they cannot be bought elsewhere for less than \$12.50 to \$15. Our slaughter price for this coat is \$6.50.

The biggest card in the deck! One of the finest Kersey Overcoats, best double warp, Farmer's satin lining and fine satin sleeve lining, silk velvet collar, trimmed and made in the best tailor-made style; a beautiful garment and good enough for any gentleman. We have sold thousands of them that were not better for \$16 and \$18, and others ask that for them today. Our slaughter price is \$8.50.

For this price we offer a lot of splendid all wool Chinchilla that cannot be bought elsewhere for less than from \$15 to \$18, and which we guarantee to be worth at retail fully that much. Our slaughter price is \$9.

We will show you something you have never seen before. One of the finest Chinchillas, Lined throughout with best quilted satin, silk velvet collar and velvet bound. This coat is made by custom tailors for finest city trade, and is made for wear and service and not for mere show. It is a garment which readily sells, by the largest houses in the country for from \$30 to \$35. Our slaughter price is \$14.50.

Samples of these lots are displayed in our large windows. Boy's and Children's Overcoats will be slaughtered likewise. Next week we will mention some slaughter prices of Men's and Boy's suits.

In addition we are opening daily new lines of Underwear, Gloves, Hosiery, Neckwear, etc., which are bought NOW at from 25 to 50 per cent less than the same goods could be purchased for early in the season. Our facilities enable us to always take advantage of the market in the late season when overstocked. Importers and manufacturers are anxious to unload, and thus secure bargains which are out of reach of other and smaller houses.

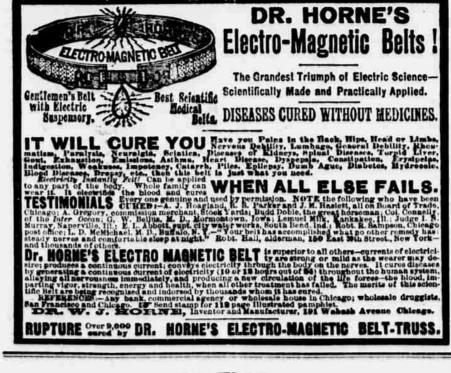
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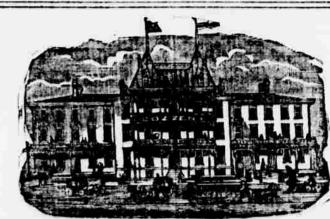




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