



|  |  |  |   |
|--|--|--|---|
|  |  |  | <p>industry.</p> <p>2. Melted in a coke-bed type shaft furnace gasification melter by adding basic calcium-containing products.</p> <p>3. Particle-size of the fertilizer shall be 100% through a wire sieve with 4.75mm openings, and also must be 95% and more through a wire sieve with 2.00mm openings.</p> <p>4. The fertilizer must be recognized not to be toxic to plants as a result of vegetation experiment on toxicity to plants.</p> <p>5. The fertilizer must use "the certified ingredient" which was confirmed by the Minister of Agriculture, Forestry and Fisheries to have been produced in processing plants which can't be contaminated with bovine vertebral column and cattle which didn't go through slaughter.</p> <p>6. The fertilizer shall be hydrocrushed and metal-removed by magnetic separator.</p> |
|--|--|--|---|

**(Establishment of the Official Standard for the Raw-materials Specification)**

| Type of the material                      | Requirements of the material   |
|---|--|
| Ash of burning animal and plant materials | Potassium-containing materials generated from the combustion of biomass (resources that are organic matter derived from plants and animals (excluding crude oil, petroleum gas, combustible natural gas, and coal)) derived from plants and trees in a facility that exclusively burns such materials (excluding incinerator ash generated from the co-firing of materials that contain or may contain paint or chemicals, or materials derived from such materials) |

Annexed Table of toxic substance for the official standard for the Raw-materials Specification shown in the table above

|   |          |    |
|---|----------|----|
| For a fertilizer which guarantee potassium and neither nitrogen nor phosphate                                       |          |    |
| Per 1.0% of the largest nutrient content of total, potassium, citrate-soluble potassium or water-soluble potassium: |          |    |
| Arsenic   | 0.004    | As |
| Cadmium   | 0.00015  | Cd |
| Nickel  | 0.01     | Ni |
| Chromium  | 0.1      | Cr |
| Titanium  | 0.04     | Ti |
| Mercury   | 0.0001   | Hg |
| Lead  | 0.006    | Pb |
| For a fertilizer which guarantee more than two of the nitrogen, phosphate or potassium                              |          |    |
| Per 1.0% of the total of the largest nutrient content of each nitrogen, phosphoric acid and potassium:              |          |    |
| Arsenic   | 0.002    | As |
| Cadmium   | 0.000075 | Cd |
| Nickel  | 0.005    | Ni |
| Chromium  | 0.05     | Cr |
| Titanium  | 0.02     | Ti |
| Mercury   | 0.00005  | Hg |
| Lead  | 0.003    | Pb |