

# PREMIUM INGREDIENT CO.,LTD

## Technical standards for Hesperidin

|                         |   |
|-------------------------|---|
| Appearance              | Light yellow or yellow fine powder                                      |
| Odor                    | Characteristic  |
| Loss on Drying          | ≤5.0%   |
| Residue on Ignition     | ≤0.5%, ≤0.35%, ≤0.30%   |
| absorbance              | ≤0.3%, ≤0.2%  |
| Hesperidin assay (HPLC) | ≥90, ≥92%, ≥93%, ≥95%   |
| Isonaringin             | ≤1.2%, ≤2.0%, ≤2.6%   |
| Didymin                 | ≤1.4%, ≤1.5%  |
| Hesperetin              | ≤0.8%, ≤1%  |
| Iron                    | ≤100ppm   |
| Heavy Metals            | ≤10ppm  |
| Microorganism           | ≤1000cfu/g  |
| Yeast &Mold             | ≤100cfu/g   |
| E.Coli                  | Negative  |
| Staphylococcus Aureus   | Negative  |
| Salmonella              | Negative  |
| Pesticides              | Conform Eur.Ph  |
| Storage                 | Preserve in tight containers,protected from strong light and high heat. |