

PANCIL® BA-200G-1

Origin

PANCIL® BA-200G-1 is an aqueous solution of persimmon extract that is obtained from the fruit of *Diospyros kaki* Thunberg (Ebenaceae) and stabilized with glycerin and organic acid salts.

Characteristics

PANCIL® BA-200G-1 is a highly safe deodorant that contains persimmon extract as the main component and is prepared using ingredients listed in the Japanese Standards of Quasi-drug Ingredients (2006). It can be dissolved in alcohol and has a strong deodorant effect on 4 major offensive odors (ammonia, trimethylamine, hydrogen sulfide, and methylmercaptan odors).

Description

- 1 Appearance ----- Colorless or light yellow liquid
- 2 Odor----- Faint characteristic odor
- 3 pH ----- 4.0 ~ 6.0
- 4 Solubility ----- Freely soluble in water

Deodorant performance

5% aqueous solution of PANCIL® BA-200G-1 (1g) [deodorant effect after 30 minutes]

Malodorous substance (ppm)	Deodorant rate (%)	Malodorous substance (ppm)	Deodorant rate (%)
Ammonia (150)	99.9<	Isovaleric acid (50)	96.6
Trimethylamine (20)	98.1<	Formaldehyde (30)	97.1<
Acetic acid (50)	96.7		

Concentration of use

3 to 5 w/w% is recommended for use.

Antibacterial activity

Minimum inhibitory concentration (MIC)

Test organism	Unit (%)	Test organism	Unit (%)
Escherichia coli	0.64	Staphylococcus epidermidis	1.00
Staphylococcus aureus	0.16	Corynebacterium xerosis	0.50
Pseudomonas aeruginosa	0.64	Cutibacterium acnes	1.00
Bacillus subtilis	0.32	Moraxella osloensis	1.00
Salmonella typhimurium	0.32		

