

PVP-Iodine

Chemical name: complex of PVP and Iodine

CTFA name: PVP-Iodine

CAS No: 25655-41-8

Molecular formula: $(C_6H_9ONI_2)_n \cdot XI$

Character: PVP-I is the complex of PVP and iodine, has quite strong killing effect to bacteria, virus, epiphyte, mildew and spore, steady, no stimulate, all dissolve in water.

PVP-I product quality standard

Weightlessness by dryness%	Cauterant leftover%	Arsenic (ug/g)	Heavy metal(ug/g)	Nitro gen(%)	Iodic hydronium(%)	Effective iodine(%)
<8.0	<0.1	<1.5	<20	9.5-1 1.5	<6.6	9.0-12.0

Physical character:

Brown yellow or red brown molding powder, has weak special smell, can dissolve in water and ethanol, not dissolve in ethyl ether and chloroform, good stability, no stimulate, has strong extermination effect to bacteria, virus, epiphyte, mildew and sporule.

Application:

Usually used in operation in hospital, skin and instrument antiseptics in injection, sterilization, prevent communicate in surgery and dermatology department; antiseptics for family tableware and implement; antiseptics and animal illness prevention and cure for food industry and livestock breeding industry and so on. The product is the first choice of iodine containing antiseptic and healthy epidemic prevention disinfectant of developed countries, Accord with USP26, USP28 and EP standard.