

Corn-derived preservatives

ANTITERIA-LV

Levulinic acid derived from starch contained in corn, which is an antiseptic raw material.

Levulinic acid is a component that is attracting attention for industrial use as a biomass material, and is a raw material that can meet various needs such as plant-derived, environmentally friendly, and preservative-free.

Physical properties

Appearance	: Light yellow liquid or white crystals
specific gravity	: 1.142 (20°C/20°C)
pKa	: 4.65
Water solubility	: 675g/L (20°C)

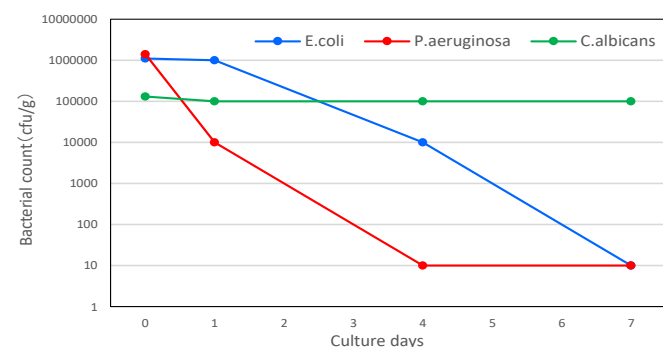


Features

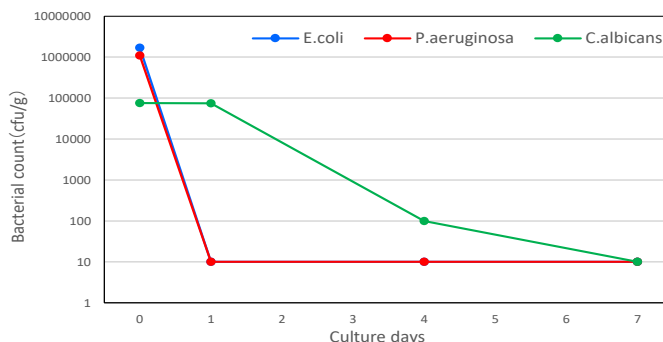
- Plant-derived, paraben-free, and preservative-free formulas can be formulated
- It has an excellent antiseptic effect against bacteria, and a synergistic effect can be obtained when used in combination with glycols.

● Preservation efficacy test ※ Tested with an aqueous solution prepared at pH 5.0

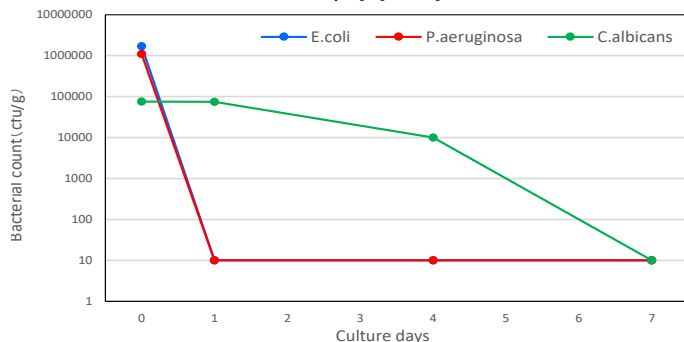
ANTITERIA-LV 0.6%



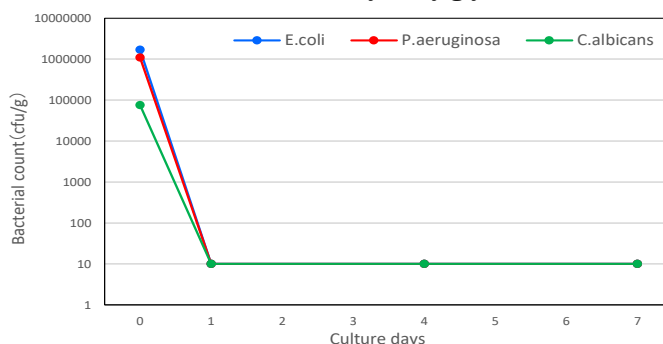
ANTITERIA-LV 0.6% + Pentylene Glycol 3.0%



ANTITERIA-LV 0.6% + Caprylyl Glycol 0.2%



ANTITERIA-LV 0.6% + Ethylhexylglycerin 0.2%



Material information

Product name	INCI Name	CAS No.	EINECS No.	Chinese INCI Name
ANTITERIA-LV	Levulinic Acid	123-76-2	204-649-2	乙酰丙酸



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