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Effect of *Argemone mexicana* active principles on inhibiting viral multiplication and stimulating immune system in Pacific white leg shrimp *Litopenaeus vannamei* against white spot syndrome virus

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Argemone mexicana

PERCOLATION EXTRACTION

HEXANE

ETHYL ACETATE

METHANOL

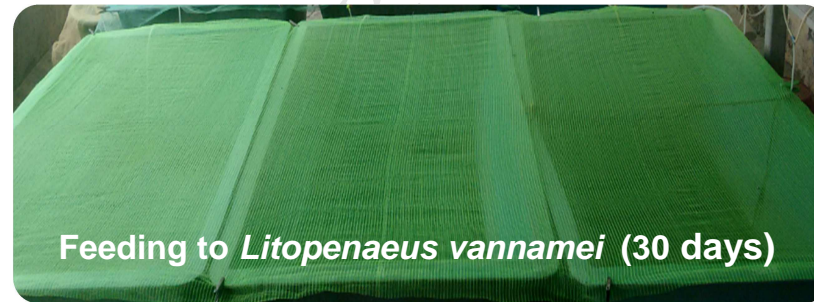
ANTI WSSV
ACTIVITYIMMUNOSTIMULANT
ACTIVITYDIET PREPARATION WITH BEST ACTIVE EXTRACT
(ETHYL ACETATE)

AD1

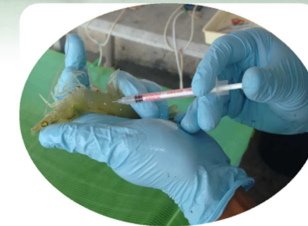
AD2

AD3

AD4

Feeding to *Litopenaeus vannamei* (30 days)

WSSV CHALLENGE



Survival

Total protein

Hematology

q PCR (WSSV load)

Immunology

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