

MICROBIAL ACTIVE INGREDIENT

Bacillus thuringiensis

Technical data sheet · Specifications revised 2026-10-27

Declared potency is a minimum; the batch certificate of analysis reports the measured values.

1 Identity

Item	Detail
CAS number	68038-71-1
Mode of action group	IRAC 11A
Class	Microbial insecticide that disrupts insect midgut membranes

2 Specifications and declared content

Specification	Content and tolerance
Bacillus thuringiensis 50000 IU/mg TC	≥ 50000 IU/mg
Bacillus thuringiensis 16000 IU/mg WP	≥ 16000 IU/mg
Bacillus thuringiensis 32000 IU/mg WP	≥ 32000 IU/mg
Bacillus thuringiensis 8000 IU/μL SC	≥ 8000 IU/μL

3 Quality specification by formulation type

Microbial product: potency is stated in international units (IU) per mg or per μL, determined by bioassay against a reference standard. The FAO/WHO clauses for chemical pesticides do not apply; the potency, physical properties, storage conditions and shelf life of each specification are agreed in the product specification, and the batch certificate of analysis reports the measured values.

4 Hazard, transport and customs

Item	Detail
EU harmonised classification	No EU harmonised classification
HS code, formulations	3808.91
FAO specification	No FAO specification published

5 Packaging and supply terms

Item	Detail
Technical material	25 kg fibre drums or woven bags with liner; liquid technical material in 200 L drums
Liquid formulations	100 mL to 1 L bottles; 5, 10 and 20 L jerrycans; 200 L drums and 1,000 L IBC for bulk supply
Solid formulations	100 g to 1 kg aluminium foil bags; 5, 10 and 25 kg bags, cartons or fibre drums
Minimum order	Formulations from 1,000 L or 1,000 kg per specification; technical material from 1,000 kg. Smaller quantities for samples and registration trials.
Lead time	Usually 25 to 40 days after order confirmation and label approval.
Shipping terms	FOB, CFR or CIF from a Chinese port; dangerous goods packed and documented to the IMDG Code.
Payment	T/T or irrevocable letter of credit at sight.

6 Notes

Approved uses differ by country; the label registered in the destination market applies.

The current safety data sheet of the formulation supplied ships with each batch.

Product page: <https://huasheng.bio/products/cp-bacillus-thuringiensis>