

# Bactol E-I

Enzymatic liming auxiliary agent.



# QUIMSER



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## Specifications:

Appearance:

Solid in powder

Colour:

White

Active matter:

100%

Ph:

12 ±0,5

ULV:

1000

Character:

Anionic

## Process:

✓ Liming

## Chemical composition:

Alkaline endo-protease

## Properties:

The application of this enzyme as an auxiliary agent during the liming stage provides great advantages.

**Bactol E-I** enables better penetration of liming products

**Bactol E-I** accelerates the dehairing process and it also allows remarkable reduction of the sodium sulphide (up to 40%) and without stains. It also gives "open" hides and improves the yield.

## Application:

**Bactol E-I** is effective in pH range 9-13 and temperatures of 24-28°C to obtain the best yield.

Is recommended added **Bactol E-I** to the liming float undissolved. The float needs to be drummed for at least 30 minute in order for the enzymes to be homogeneously distributed.

Guidance dosages :

Cattlehide (fresh)	0.1-0.3%
Cattlehide (salted)	0.3-0.5%
Pigskin (salted)	0.8-1.0%
Goatskin (dried)	2.0-2.5%

Example of application: Cow hides for upper.  
Dehairing process.

Water at 26°C 200%

**Bactol E-I** 1'8%

**Bactol E-I** 0,75% run 30' stop 1h

Sodium sulphide 2%

Lime 3% run 30' stop 3h

**Bactol E-I** 0,75% Automatic 5'/h over night

Next day

Rinse, Wash, unload, flesh.

## Storage:



All data and recommendations herein are accurate at the time of publication. QUIMSER S.A. reserves the right to modify them without notice. Work conditions and type of raw material can effect the final results. It is the responsibility of the user to apply the recommendations to the actual conditions and particular purpose.

