

Innovations to make everyday life better,
healthier and liveable.

Meeting the challenge is to create a
perfect texture, longer shelf-life and
clean-label products.

ND Pharma & Biotech



BIOTECHNOLOGY FOR LIFE

Introducing

NATICEL^{THX}

(Thixotropic Cellulose Gum)

ND Pharma & Biotech Company introduce the innovation of Thixotropic NATICEL THX, a product with a special characteristics and performance that will make all the difference in a varied range of food and beverage formulas.

ND Pharma & Biotech
Innovation that Inspires...



Main applications...

Bakery

Confectionery

Processed Meat

Milk & Dairy

Ice Cream/Desserts

Sauces

Noodles and Pasta

Pet Food

...and many more

Key Benefits...

Functional

Thickener

Texturizer

Crystal Growth prevention

Protein Stabilization

Fat Barrier effect

Water Retention Aid

Naticel THX

Versatile

Cellulose base

High Efficiency

Unrivalled Cost-in-use

Highly Effective
(even at low concentration)

Dietary Uses

Low-fat products

Gluten-free

Sugar-reduction

Phase separation



(WAC)

Water Absorbing Capacity (in lg/g) is over 60lg/g for regular Cellulose Gums and up to 242 lg/g for NATICEL^{THX}*

*(as per Laboratory Studies Confirmation)

NATICEL^{THX} (Thixotropic Cellulose)



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Making Life Better