



NeoSol™

Curcumin

*a brand new
balance for Curcumin*



Linnea Curcumin

DRY CURCUMA LONGA 95% EXTRACT IS A HIGH-QUALITY BOTANICAL EXTRACT SUITABLE FOR FOOD SUPPLEMENTS AND FUNCTIONAL FOODS CONTAINING THE HIGHEST PERCENTAGE OF CURCUMINOIDS (95%) AND MANY THERAPEUTIC PROPERTIES

NeoSol™ Curcumin

Customized excipients for the best natural boosted performance

COMPOSITION

POWDERED CURCUMA LONGA EXTRACT

HYDROXYPROPYL CELLULOSE

SUCROSE ESTERS

RECOMMENDED USAGE
500 mg TWICE PER DAY

NeoSol™ Curcumin Technology

Absorption of **Curcumin** and **curcuminoids** after oral intake is negligible and so a high intake is required to achieve any benefits



DISCOVERING NeoSol™ ADDED VALUES

- ENHANCES CURCUMINOID ABSORPTION
- PRODUCES A BETTER BIOAVAILABILITY PROFILE
- CREATES A NEW, POSITIVE BALANCE BETWEEN ABSORPTION AND EFFICACY

BENEFITS FOR FOOD SUPPLEMENT FORMULATIONS



CURCUMIN IS MORE SOLUBLE



CURCUMINOIDS ARE PRESENT IN THE SOLUTION

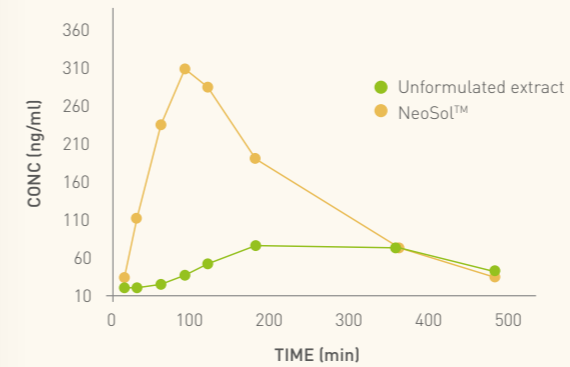


USE OF A SMALLER AMOUNT OF VALUABLE CURCUMIN

LINNEA'S EVIDENCE BOOSTED PROPERTIES

IMPROVED IN VIVO ORAL BIOAVAILABILITY

NeoSol™ Curcumin vs Curcuma Longa 95% dry extract



Chromatogram shows the presence in solution of all curcuminoids

Test item	Parameters		
	T _{max} (min)	C _{max} (ng/ml)	AUC _{0-t} ratio vs extract
Extract	249	75	
NeoSol™	96	306	3.1

Method: in vivo study on male Sprague Dawley rats

Dosage administered: 22 mg/kg powder (capsules)

No overloading

Detection MS/MS, ng/ml

(Reference: Linnea PkStudy)

The total AUC achieved by NeoSol™ is 3.1 times greater than the control curcumin extract

→ NeoSol™ CURCUMIN SHOWS HIGH BIOAVAILABILITY

IMPROVED SOLUBILIZATION OF CURCUMINOIDS IN WATER

Comparison test between NeoSol™ Curcumin and a standard Curcuma Longa 95% dry extract



NeoSol™ Curcumin

500 mg/250 ml purified water

Good solubilization – unvarying coloration



Curcumin extract

100 mg/250 ml

Formation of a precipitate

→ NeoSol™ IMPROVES CURCUMINOID SOLUBILITY AND PERFORMANCE

NeoSol™ increase Curcumin bioavailability, suggesting substantial equivalence with other delivered Curcumins

INDICATIONS

JOINT HEALTH

INFLAMMATION, PAIN RELIEF

CARDIOVASCULAR PROTECTION

ATHEROSCLEROSIS

ANTI-DEGENERATIVE EFFICACY

REDOX REGULATION



NeoSol™ ALLOWS CURCUMINOIDS SOLUBILIZATION

Linnea's NeoSol™ Curcumin:

HIGH BIOAVAILABILITY

BOOSTED CURCUMIN

OPTIMAL SOLUBILITY

20% PURE CURCUMIN

RECOMMENDED USAGE: 500 mg TWICE per DAY

NeoSol™

Natural compounds

Boosted properties

High technology

GMP QUALITY

ALLERGEN FREE

GMO FREE

SUITABLE FOR VEGETARIANS

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