

**NATIONAL UNIVERSITY OF COLOMBIA
SCHOOL OF SCIENCES
DEPARTMENT OF PHARMACOLOGY**

Doctor

JOSE HERNAN JARAMILLO

Head Prevention and Promotion Area
Ministry of Public Health
Santafé de Bogotá

Dear Doctor:

This is to advise that the determination of the Dermal LD50 in rabbits is conducted differently to the Oral LD50 in mice; given that the product is reactively nontoxic via the dermis, the dosage has to be administered in a pyramidal manner in the same animal, administering the dose every two hours in patches of shaved skin of the rabbit. The animals are continuously observed during the day of treatment and afterwards twice daily for the next fifteen days.

With regards to the product NOPIKEX, there were no effects in the animals during this time.

For the above reason we did not include continuity tables.

With regards to ocular irritation assay I annex the table which summarises the observations conducted in cornea, iris and conjunctiva. For the product NOPIKEX there was no sign different to conjunctival/palpebral reddening with the concentrations used, which were: 2%, 1% and 0.5% and which receded completely 24 hours after application.

Sincerely,

DIEGO ARIAS HENAO Q.F . Msc.

Professor - Toxicology
Department de Pharmacology
National University of Colombia

UNIVERSIDAD NACIONAL DE COLOMBIA
 FACULTAD DE CIENCIAS – DEPARTAMENTO DE FARMACIA

PRODUCT: NOPIKEX (Insect Repellent)
 MANUFACTURER: Laboratorio J.G.B.
 OECD METHOD: DIRECT X IRRIGATION _____

OCULAR ACUTE IRRITATION TEST IN RABBITS
 PRESENTATION FORM: Solid LOT No. ____
 ANALYSIS DATE: 10-11-98 PH: 8.5

RABBIT		Identification No.____Weight 2.8 kg 1 Strain: New Zealand				Identification No.____ Weight 3.2 Kg 2 Strain: N.Z.				Identification No.____ Weight 3.0 Kg 3 Strain: N.Z.			
		Time of Observation (h)				Time of Observation (h)				Time of Observation (h)			
		1	24	48	72	1	24	48	72	1	24	48	72
OCULAR MEMBRANE													
CORNEA Lesion Level 0-4		0	0	0	0	0	0	0	0	0	0	0	0
IRIS Lesion Level 0-2		0	0	0	0	0	0	0	0	0	0	0	0
C O N J U N C T I V A	R I E e 0 D v / D e 3 E l N.	1	0	0	0	1	0	0	0	1	0	0	0
	S I W e 0 E v / L e 4 L l	0	0	0	0	0	0	0	0	0	0	0	0

RESPONSIBLE ANALYST :

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