2021

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蓝天科技

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NESIL



SED mg/kg·bw/day

A mg/kg·bw/day

C %

DAp %

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LCR

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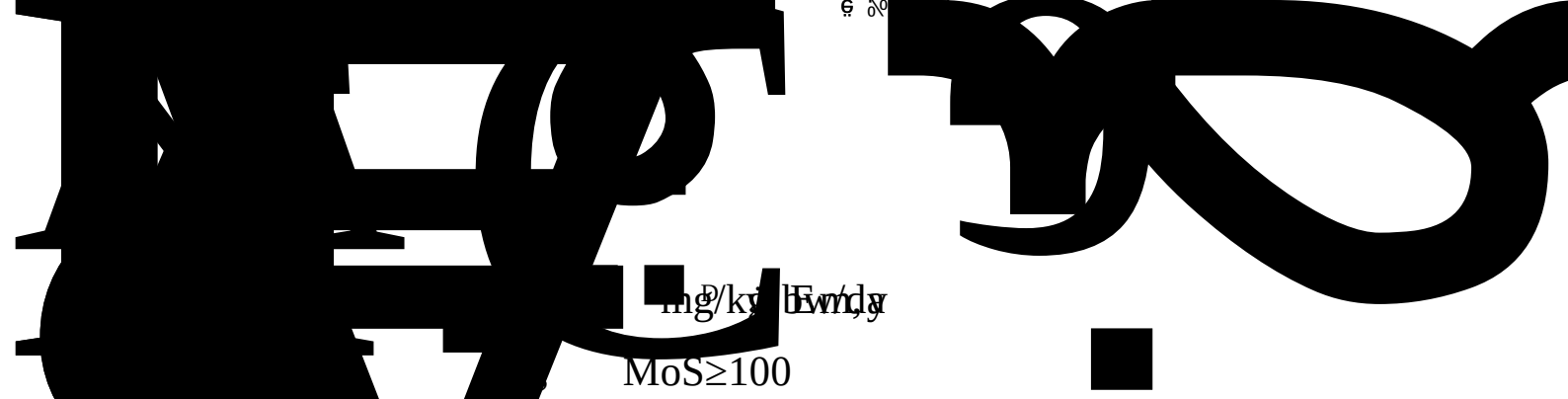
= ————————

MoS

NOAEL

BMD



MoS≥100

10 10

MoS

MoS 100

4.4.2 /

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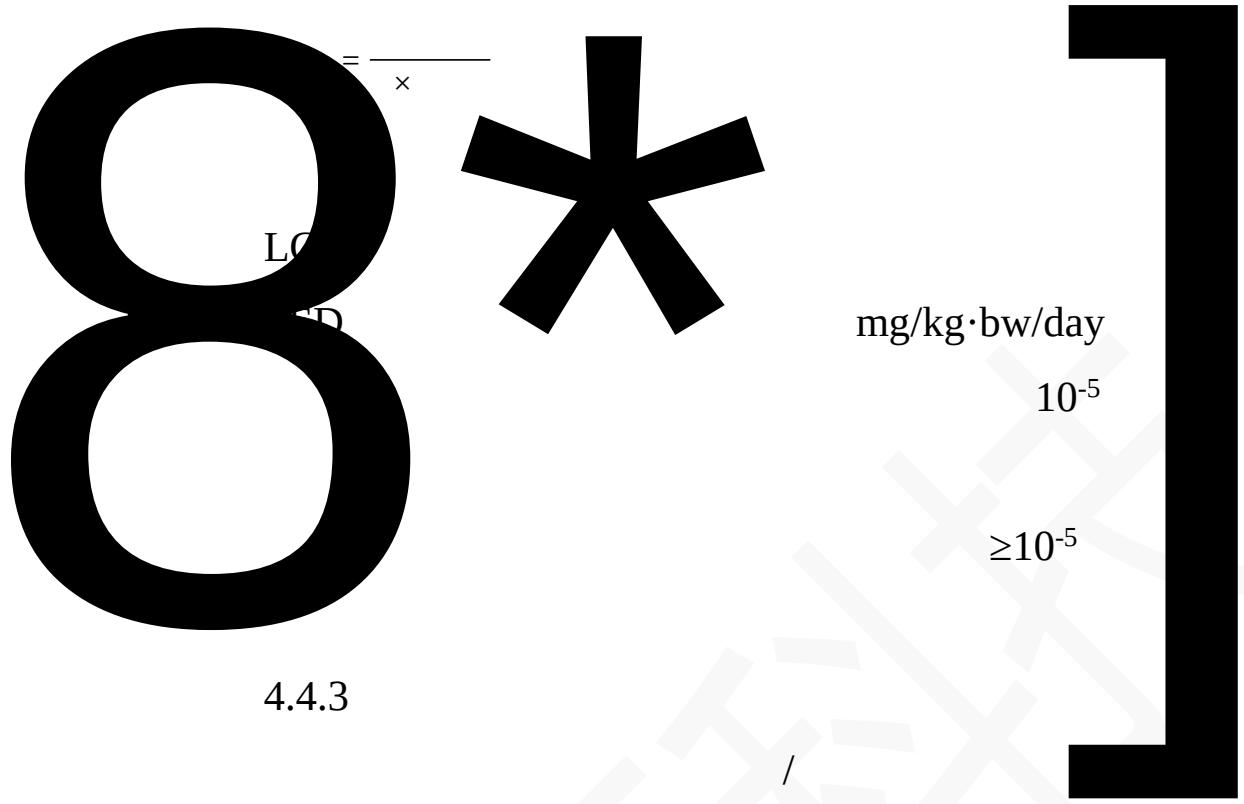
LR

1 T_{25}

HT

$$HT_{25} = \frac{T_{25}}{(\quad / W \quad)^{0.25}}$$

T_{25} B



mg/kg·bw/day

10^{-5}

$\geq 10^{-5}$

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谱标科技

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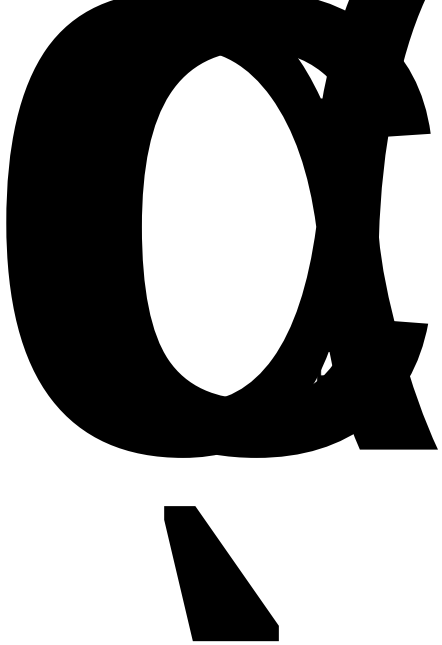

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6.1.4 WHO FAO

6.1.5

IFRA

6.1.6

TTC

6.1.7

/ Grouping/Read Across

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INCI

CAS EINCES

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6.2.7 Log Pow

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UV-VIS

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9.1.1

9.1.2 WHO

FAO SCCS

CIR

GRAS IFRA

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10.

10.1 ㄴ Ґ Hazard Є

10.2 Ґ Risk Є

10.3 Ґ Risk Substance Є

10.4 ㄹ Ґ Dose Є

mg/kg·bw

10.5 ㄴ ㄲ ㄹ Ґ No Observed Adverse Effect Level Ї NOAEL Є

10.6 ㄴ ㄲ ,

10.7 !! ╛ Ѓ Benchmark Dose Ï BMD Є

1% 10%

10.8 ẅ Ѓ Threshold Effects Є

10.9 ẅ Ѓ Non-Threshold Effects Є

10.10 `H Ѓ Systemic Exposure Dosage Ï SED Є

mg/kg·bw/day

10.11 `H ẅ Ѓ Margin of Safety Ï MoS Є

NOAEL BMD

10.12 Ғ قد Ѓ Uncertainty factor, UF Є

100

10.13 ˜ Ǜ Ѓ Acceptable Riqf ʿ Ị A

10.14 T_{25}

10.15 ώ ῇ Ѓ Acceptable Daily Intake Ï ADI

10.16 ὔ ῇ Ѓ Tolerable Daily Intake Ï TDIЄ

10.17 ἴ ⊣ Ѓ Reference Dose Ï RfDЄ

10.18 ⊣ Ѓ No Expected Sensitization Induction Level Ï NESILЄ

10.20 ɟ /ˏ ǖ ǐ Ѓ Grouping/Read Across Є

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谱标科技

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xx CAS xxx xxx

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INCI CAS EINCES

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海洋科技

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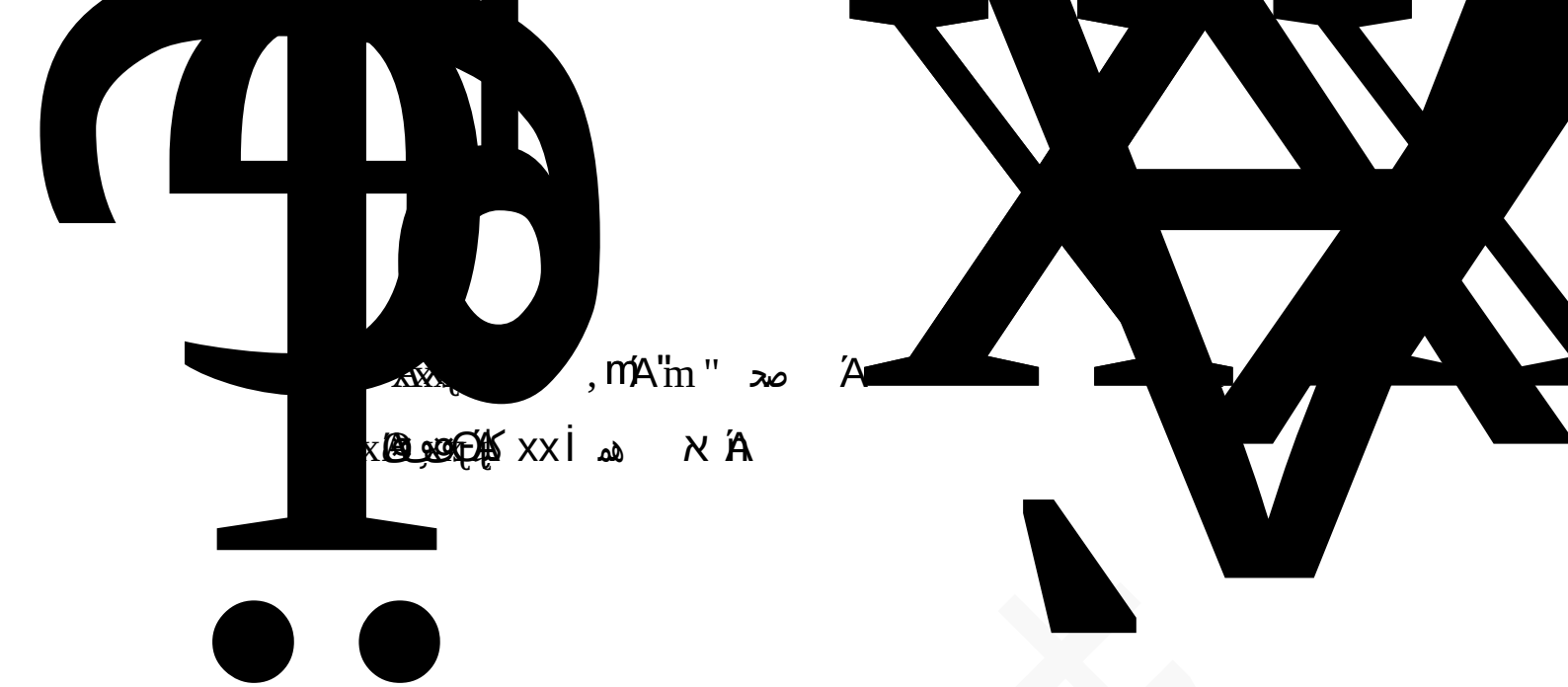

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福昕软件

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FUCUS VESICULOSUS

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1	xxx		
2			
3		g/day	7.82*
4	1.00		
5		SED	SED=

谱标科技

	PARFUM	0.6000
	ARACHIDYL ALCOHOL	0. 6000
	PHENOXYETHANOL	0.5000
VESICUL	FUCUS VESICULOSUS EXTRACT	0.1000
Apis mellifera	HONEY	0.1000
	DIPALMITOYL HYDROXYPROLINE	0.0001

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[1,2]

SED =1.3mg/kg bw/d

MoS=1000/1.3=769>100

FUCUS VESICULOSUS

CIR 5%

[3] 0.1000%

3 IFRA

4 1-

CnH2n+2O

1- 1-

50%

50%

蓝汛科技

[8,9]

7

10%

Ames MLA

MLA

TTC

Toxtree

III TTC 1.5μg/kg/day 90 μg/day

7.82 μg/day Cramer III TTC

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SCCS

1,3-

0.1%

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2015 2“

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30mg/kg

0.1g/100g

0.002g/100g

FUCUS

VESICULOSUS

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1.

2015 2015 268

2. Ralph Gingell, Jeannie B. Kirkpatrick, and David R. Subchronic Toxicity Study of 1,3-Propanediol Administered Orally to Rats. International Journal of Toxicology, 2000,19: 27–32

3. Safety Assessment of Brown Algae-Derived Ingredients as Used in Cosmetics. Final report 2019 available from CIR

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GB/T 22731-2017

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蓝信科技

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		INCI /			
1		WATER		06260	
2		GLYCERIN		02421	
3		CETYL ALCOHOL		03526	
4		ARACHIDYL ALCOHOL		02992	
5		PHENOXYETHANOL		01294	4 37
6		PARFUM		07008	
7		DIPALMITOYL HYDROXYPROLINE		02255	

2

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		%			%	%		
							50.000% 50.000% NOAEL 1000 mg/kg bw/day 1- /	

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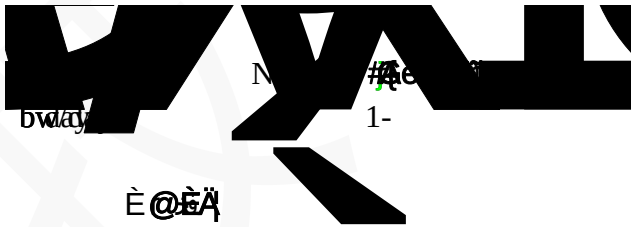
% %



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SCCS

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2015 2015 268

2. Ralph Gingell, Jeannie B. Kirkpatrick, and David R. Subchronic Toxicity Study of 1,3-Propanediol Administered Orally to Rats. International Journal of Toxicology, 2000,19: 27–32

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