

Briefing from Natura

Objective

 To develop formulation considering: vegetalization improvement (increase the usage of RM with Vegetal Carbon base); low carbon emission; superior performance against Benchmark (Natura).

Main information

Superior performance against benchmarks

Benchmarks

- For conditioner (CO): Condicionador Ekos Murumuru
- For combing cream (CC): Creme para pentear Ekos Murumuru
- For serum (S): Finalizador Oleo Fortalecedor Patauá





Máscara de Reconstrução do Fio

Murumuru Ekos

Dry matter: 21,7%

pH=4,7

Brookfield RV Viscosity: 63800 mPa.s

at 20°C (measured after 24h, 5 rpm, spindle 06, 1 mn)

Proposition of prototype CO0056



Ingredients (INICI name)	Function	w/w %
Part A Deionized Water	Water	Qs 100
FENTACARE 2231 MS I90 (1) (Behentrimonium Methosulfate (80%))	Conditioner	1.83
FENTACARE 2231 EF ⁽¹⁾ (Behentrimonium Chloride (80%)	Conditioner	3.13
Part B		
Stearyl Alcohol (C ₁₈)	Co-emulsifier, consistency agent	4
Cetearyl Alcohol (C ₁₆ -C ₁₈)	Co-emulsifier, consistency agent	2
Murumuru butter	Conditioner	2
Mackaderm® COCOA (Myristyl Oleate/Myristyl Palimate/Myristyl Stearate)	Emollient 100% vegetable	1.5
MACKESTER®GMS (Glyceryl stearate)	Co emulsifier	0.5
Part C		
Phenoxyethanol	Preservative	0.4
Mackaderm®LIA (Isoamyl Laurate)	Emollient 100% vegetable	3
Tocopherol	Antioxidant	0.1
Glycerin	Humectant	0.5

INCI: agua, cetearyl alcohol, Elaeis guineensis oil, behentrimonium chloride, Astrocaryum murumuru seed butter, cetrimonium chloride, glycerin, stearamidopropyl dimethylamine, dimethicone, dimethiconol, parfum, sorbitol, dicaprylyl ether, hydroxyethylcellulose, lauryl alcohol, hydroxyethyl urea, citric acid, isopropyl alcohol, polyglyceryl-3 caprylate, lactic acid, disodium EDTA, sodium acetate, TEA-dodecylbenzenesulfonate, ammonium lactate, sodium benzoate, triethanolamine, cellulose, TBHQ, CI 19140, tocopherol, CI 15510, sodium chloride, methylchloroisothiazolinone, methylisothiazolinone, linalool, benzyl salicylate, limonene

Dry matter: **14,3%**

pH=4,0

Brookfield RV Viscosity: 64200 mPa.s at 20°C (measured after 24h, 5 rpm,

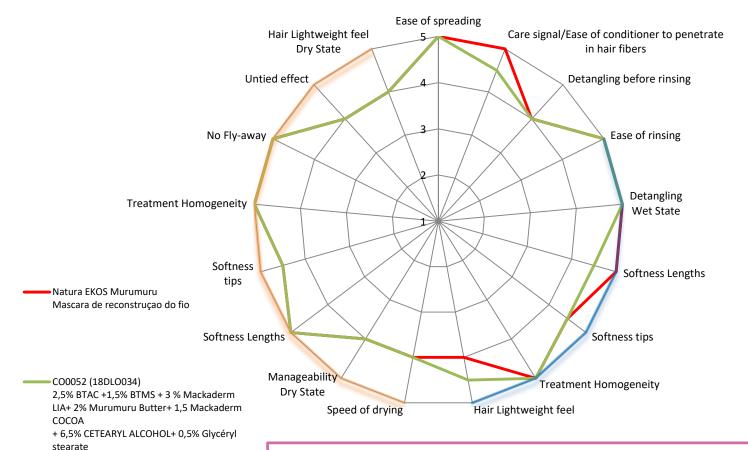
spindle 06, 1 mn)



Sensorial assessment

Fake head bleached 4h- 1 trial with 1 expert

CO0052 vs Mask Ekos Murumuru



Similar performances with less raw materials and NO silicones

Same untied effect as a silicone





Condicionador Murumuru Ekos

INCI: aqua, stearyl alcohol, **stearamidopropyl dimethylamine**, cetearyl alcohol, Astrocaryum murumuru seed butter, **behentrimonium chloride**, **dimethiconol**, glycerin, parfum, **dimethicone**, sorbitol, phenoxyethanol, citric acid, hydroxyethyl urea, hydroxyethylcellulose, lactic acid, isopropyl alcohol, disodium EDTA, PEG-4 laurate, PEG-4 dilaurate, TEA-dodecylbenzenesulfonate, sodium acetate, ammonium lactate, sodium benzoate, PEG-200, iodopropynyl butylcarbamate, triethanolamine, cellulose, CI 19140, CI 15510, sodium chloride, methylchloroisothiazolinone, methylisothiazolinone, sodium sulfate, benzyl salicylate, linalool, limonene

Dry matter: 12,8%

pH=4,9

Brookfield RV Viscosity: 42200 mPa.s

at 20°C (measured after 24h, 5 rpm, spindle 06, 1 mn)

Proposition of prototype CO0053

	JILICOTTA	
Ingredients (INCI name)	Function	w/w%
Part A Deionized Water	Water	Qs 100
FENTACARE 2231 EF (1)	Conditioner	3.13
(Behentrimonium Chloride (80%)	Conditioner	
Jaguar® HP105	Consistency agent + In use wet	0.15
(Hydroxypropyl guar)	feel agent	0.15
Jaguar® OPTIMA		
(Guar hydroxypropyl trimonium	Conditioning agent	0.20
chloride)		
Part B		
Cetearyl Alcohol (C ₁₆ -C ₁₈)	Co-emulsifier, consistency agent	3.5
Murumuru butter	Conditioner	2
Mackaderm® COCOA		
(Myristyl Oleate/Myristyl	Emollient 100% vegetable origin	1.5
Palimate/Myristyl Stearate)		
MACKESTER®GMS		0.5
(Glyceryl stearate)	Co emulsifier	
Part C		
Phenoxyethanol	Preservative	0.4
Mackaderm®LIA (1)	Emollient 100% vegetable origin	3
(Isoamyl Laurate)	Linoillent 100% vegetable origin	
Tocopherol	Antioxidant	0.1
Glycerin	Humectant	1

Dry matter: 10%

pH= 4,33

Brookfield RV Viscosity: 58000 mPa.s

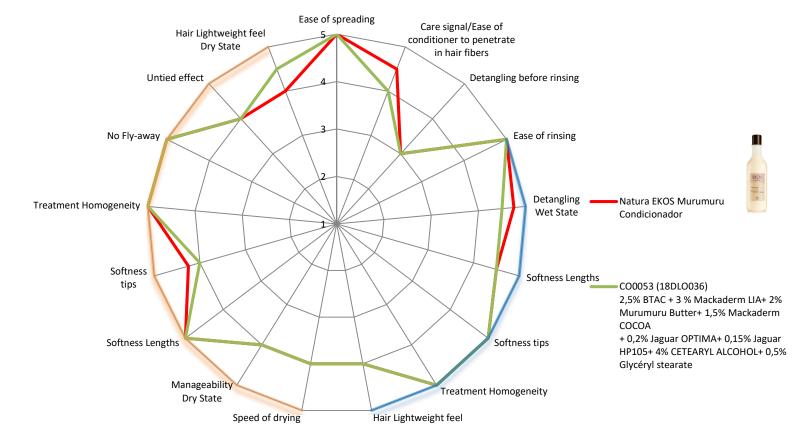
at 20°C (measured after 24h, 5 rpm, spindle 06, 1 mn)



Sensorial assessment -

Fake head bleached 4h- 1 trial with 1 expert

CO0053 vs Conditionador Ekos Murumuru



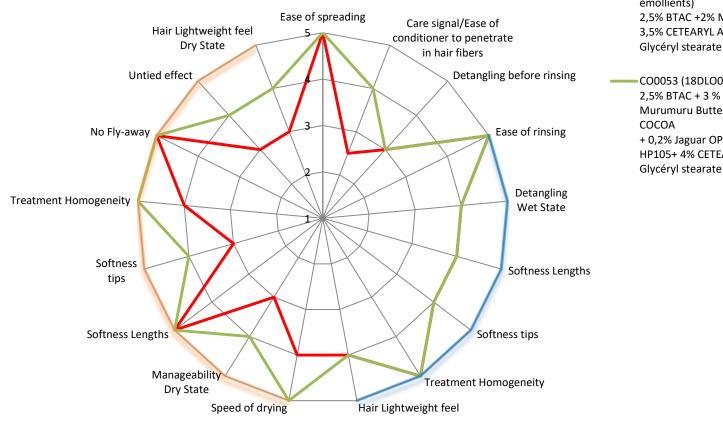
Similar performances with NO silicones Same untied effect as a silicone



Sensorial assessment -

Fake head bleached 4h- 1 trial with 1 expert

CO0053 vs same chassis without the emollients



18DLO039 (idem 18DLO036 sans les émollients) 2,5% BTAC +2% Murumuru Butter + 3,5% CETEARYL ALCOHOL+ 0,5%

CO0053 (18DLO036) 2,5% BTAC + 3 % Mackaderm LIA+ 2% Murumuru Butter+ 1,5% Mackaderm + 0,2% Jaguar OPTIMA+ 0,15% Jaguar HP105+ 4% CETEARYL ALCOHOL+ 0.5% Glycéryl stearate

The emollients present in the CO0053 formula improve the performances in terms of care, dry combing, softness of the tips, untied effect and lightweight feel.



Combing cream Murumuru

INCI list: Aqua, cetearyl alcohol, Astrocaryum murumuru seed butter, **dimethicone**, Elaeis guineensis oil, glycerin, parfum, **behentrimonium chloride**, sorbitol, ceteareth-20, hydroxyethylcellulose, hydroxyethyl urea, cetrimonium chloride, cocoglucoside, glyceryl oleate, polyglyceryl-3 caprylate, isopropyl alcohol, citric acid, disodium EDTA, sodium acetate, ammonium lactate, triethanolamine, cellulose, TBHQ, CI 19140, CI 15510, sodium chloride, linalool, benzyl salicylate,

Dry matter: 11,8%

pH = 4,6

Brookfield RV Viscosity: 27440 mPa.s

at 20°C (measured after 24h, 5 rpm, spindle 06, 1 mn)





Proposition of prototype CO0054 SILICONE

limonene, coumarin

Ingredients (INCI name)	Function	w/w%
Part A Deionized Water	Water	Qs 100
FENTACARE 2231 EF (1)	Conditioner	0.63
(Behentrimonium Chloride (80%)	Conditioner	0.03
Jaguar® HP105	Consistency agent	0.20
(Hydroxypropyl guar)	Consistency agent	
Jaguar® OPTIMA		
(Guar hydroxypropyl trimonium	Conditioning agent	0.20
chloride)		
Part B		
Cetearyl Alcohol (C ₁₆ -C ₁₈)	Co-emulsifier, consistency agent	4.5
Murumuru butter	Conditioner	2
Mackaderm® COCOA		
(Myristyl Oleate/Myristyl	Emollient 100% vegetable origin	2,0
Palimate/Myristyl Stearate)		
MACKESTER®GMS		_
(Glyceryl stearate)	Co emulsifier	0.5
Part C		
	B	0.4
Phenoxyethanol	Preservative	0.4
Mackaderm®LIA (1)	Emollient 100% vegetable origin	3
(Isoamyl Laurate)	ū ū	
Tocopherol	Antioxidant	0.1
Glycerin	Humectant	1

Dry matter: **7,9%**

pH = 4,51

Brookfield RV Viscosity: 16320 mPa.s

at 20°C (measured after 24h, 5 rpm, spindle 05, 1 mn)



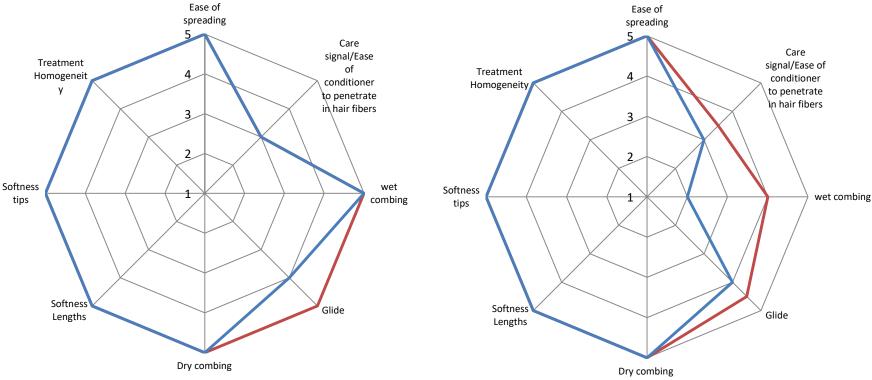
Sensorial assessment -

Test on hair tress - 1 trial with 1 expert

CO0054 vs Combing Cream Murumuru

On medium brown hair tress

On bleached hair tress



18DLO037 (crème de soin) 0,5% BTAC + 3 % Mackaderm LIA+ 2% Murumuru Butter+ 2% Mackaderm COCOA + 0,2% Jaguar OPTIMA+ 0,15% Jaguar HP105+ 4% CETEARYL ALCOHOL+ 0,5% Glycéryl stearate

Combing cream NATURA EKOS Murumuru

Similar performances on dry state with NO silicones

Better performance on wet state essentially on bleached hair tress

