



Integrity Ingredients Corporation

Body Care Formulary

CONFIDENTIAL FINISHED PRODUCT FORMULATION

MANDARIN & MANGO MOISTURIZING BATH & SHOWER GEL Featuring Lipex Shea Betaine

FORMULA #082208.1

<u>INGREDIENT</u>	<u>%</u>	<u>SUPPLIER</u>
<u>PART A</u>		
Deionized Water	40.17	-----
Disodium EDTA	0.03	-----
Lipex 102 E-75 (100%)	1.00	AAK
Lipex 203 E-70 (100%)	1.00	AAK
<u>PART B</u>		
Sodium Laureth Sulfate	37.00	-----
Lipex Shea Q	0.75	AAK
IntegriQUAT 7	0.50	Integrity Ingredients Corporation
IntegriGUARD AP	0.80	Integrity Ingredients Corporation
IntegriVITAMIN DL-Panthenol	0.25	Integrity Ingredients Corporation
Mandarin Orange Extract #VPF-0267	0.50	VegeTech
Mango Fruit Extract #VPF-0137	0.50	VegeTech
<u>PART C</u>		
Sodium Myreth Sulfate	3.50	-----
Fragrance	1.00	-----
<u>PART D</u>		
Lipex Shea Betaine	13.00	AAK
<u>PART E</u>		
Citric Acid (50% Soln.)	Q.S.	-----
Sodium Chloride	Q.S.	-----
D&C Orange #4 (1% Soln.)	Q.S.	-----

PROCEDURE:

ADD THE WATER IN PART A TO MIXING TANK. WHILE MIXING, ADD THE REMAINING INGREDIENTS IN PART A AND HEAT TO 60° C. MIX UNTIL ALL THE INGREDIENTS ARE MELTED AND THE BATCH IS CLEAR. MIX WHILE COOLING TO 35° C. ADD THE INGREDIENTS IN PART B TO THE BATCH IN THE ORDER SHOWN INSURING THAT EACH ONE IS COMPLETELY DISPERSED/DISSOLVED BEFORE THE ADDITIONAL OF THE NEXT INGREDIENT. COMBINE PART C INGREDIENTS AND ADD TO BATCH AND MIX UNTIL COMPLETELY DISOLVED AND THE BATCH IS CLEAR. ADD PART D INGREDIENT TO BATCH AND MIX COMPLETELY. THE BATCH WILL THICKEN. ADD PART E INGREDIENTS TO MEET THE SPECIFCATIONS.

pH: 5.5 - 6.5

Viscosity: 4,000 - 6,000 cps (Brookfield LVT Spindle 2/Speed 3).

Enjoy the gentle yet effective rich cleansing lather and moisturizing affects of the **Lipex Shea Betaine (Shea Butteramidopropyl Betaine)**. This formula also highlights the extraordinary substantive conditioning attributes of **Lipex Shea Q (Shea Butteramidopropyltrimonium Chloride)**. The **Lipex 102** and **Lipex 203** provide wonderful emollient and hydrating properties.

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