MIYOSHI AMERICA

SAMPLE FORMULATION **Lab# USS0037**

MiyoNAT ISA Foundation w/ SPF 100+					
A high SPF, serum-like foundation that can accommodate all skin tones					
Phase		**INCI**	**Function**	**Supplier**	**%**
A	Pelemol 256	C12-C15 Alkyl Benzoate	Emollient	Phoenix Chemical	15.00
	Bentone Gel ISDV	Isododecane (and) Disteardimonium Hectorite (and) Propylene Carbonate	Texture Modifier	Elementis	10.00
	TEGOSOFT® PC 31 MB	Polyglyceryl 3 caprate	Emollient	Evonik	10.00
	Tween™ 80	Polysorbate 80	Emulsifier	Croda	4.00
	Span™ 120	Sorbitan Isostearate	Emulsifier	Croda	1.00
	Bronidox® 1160	Phenoxyethanol	Preservative	BASF	1.00
B	**MiyoSHADE T-Clear**	**Titanium Dioxide (and) Aluminum Hydroxide (and) Stearic Acid (and) Dimethicone**	**UV Active**	**Miyoshi America**	**10.00**
	MiyoNAT ISA Red	**Iron Oxides (and) Isostearic Acid**	**Pigment**		**3.24**
	MiyoNAT ISA Yellow	**Iron Oxides (and) Isostearic Acid**	**Pigment**		**6.81**
	MiyoNAT ISA Black	**Iron Oxides (and) Isostearic Acid**	**Pigment**		**4.05**
C	Water	-	-	-	30.90
	NaCl	NaCl	Stabilizer	Sigma Aldrich	0.50
	VANZAN® NF-C	Xanthan Gum	Thickener	Vanderbilt Materials	0.50
	Ougon Liquid B	**Butylene Glycol (and) Water (and) Scutellaria Baicalensis Root Extract**	**Active**	**Miyoshi America**	**1.00**
	Mandarin Clear	**Butylene Glycol (and) Water (and) Cirtus Reticulata (tangerine) Peel Extract**	**Active**		**1.00**
	Yuzu Ceramide	**Butylene Glycol (and) Water (and) Cirtus Junos Fruit Extract**	**Active**		**1.00**
					100.00

Procedure	
1	Add Phase A to a beaker and mix at 400 rpm and 80C until fully combined.
2	Add Phase B to Phase A and begin homogenzing at 5000 rpm for 5 minutes.
3	Add Phase C to a separate beaker and mix at 400 rpm for 5 minutes. Adjust pH to 4-5.5
4	Slowly add Phase C to Phases A and B and continure homogenizing at 5000 rpm for 10 minutes.
5	Cool the bulk and pack into desired containers.

Notes
in-vivo COLIPA SPF 125