



Saffire Blue inc., 1444 Bell Mill Side Road, Irlissburg, ON N4G4G9 Canada

Certificate of Analysis

Shea butter refined

Analysis results as provided by manufacturer

Batch number: PBS026073

Physical and Chemical Characteristics:

Manufacturing Date: July 21, 2015 Re-test date: July 20, 2016

Re-test date refers to our standard specifications and assumes appropriate storage conditions in uncompromised original containers.

Parameter	Unit	Specification	Result
Free fatty acids (FFA)	%	Max. 1.0	0.3
Peroxide value	meq /kg	Max. 5.0	1.6
Color (Lovibond 5 ¼ ")red		Max. 3.5	2
Iodine Value	g J2/100g	55.0-75.0	61.7
Melting point	° C	28-45	33

Other parameters not part of specifications :

Parameter	Unit	Result
Unsaponifiable matter	%	5.2
Saponification value	mq KOH/g	185
Water	%	0.02
Odor	-	Neutral

Fatty Acid Composition (GC of FAME's):

Parameter	Unit	Result
C16 and lower	%	4.0
18.0 stearic acid	%	43.0
18.1 oleic acid	%	44.0
18.2 linoleic acid	%	6.0
20.0 arachidic acid	%	1.5