

# Certificate of Analysis

Refined Shea Butter S

<b>Parameter</b>	<b>Specification Value</b>	<b>Result Value</b>	<b>Unit</b>
Unsaponifiable matter	≥ 5	6,7	%
Saponification value	169-190	182,1	mg KOH/g
Iodine value	51-72	62,7	g J <sub>2</sub> /100 g
Peroxide value	≤ 5	0,2	meq/kg
Acid value	≤ 2	0,4	mg KOH/g
Free fatty acids	≤ 1	0,19	%
Water	≤ 0,2	0,016	%
Melting range	32-35	33	°C
Color (Lovibond 5¼")	≤ 2	0,9	red
Odor	neutral	neutral	
<b>Fatty acid composition</b>			
C16 and lower	≤ 10	5,2	%
C18:0	40-50	41,7	%
C18:1	40-50	44,6	%
C18:2	3-8	6,5	%
C20	≤ 3	1,3	%