

PRODUCT SPECIFICATIONS

Product: Plandool™-LG4

INCI Name: Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	White to Light Yellow Petrolatum-like Substance			Visual
002A	Odor	Characteristic			Organoleptic
003G1	Color Gardner	0		2	Gardner
010U1	Loss on Drying, %	0		3	JSQI (5g, 105C, 1h)
012B	Microbiology	Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive			Current USP Microbial Limit Test
013F	Saponification Value (KOH mg/g) 1 g, 1.5 hours	105		121	JSQI
026MA	Heavy Metals, ppm	0		20	JSQI (Method 2, 1 g)
027OA	Arsenic, ppm	0		2	JSQI (Method 3, 1 g)
036A	Identification	To Match Standard			IR
042Q1	Residue on Ignition, %	0		1	JSQI, Method I, 3g
052U	Identification: GC	To Pass Test			JSQI
052V	Identification: Ninhydrin	To Pass Test			JSQI
057F1	Acid Value	0		5	JSQI, Method 2
058E	Iodine Value	11		25	JSQI
096A	Nitrogen Content, %	1.29		1.51	JSQI
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				