

A quality management system registered to the international standard ISO 9001 was used to manufacture and test this material.

Certificate prepared at

Croda Europe Limited
c/o Croda Ibérica SA, Mevisa Site
Carretera C-35 Km 72
08495 Fogars de la Selva, Spain

Customer details

METAPHARMACEUTICAL INDL., S.L.
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Fax No. 93 303 17 50

Customer Ref. 2018-1/1
Inspection Lot 040000832851
C of A Printed. 16.02.2018
Croda Order No. 2649278
Croda Del. No. 82999737
Quantity. 200,000 KG

Batch Details

Product Name: SPAN 83-LQ-(MV)
Product Code: SDR0934/0020/RP02
Batch No: 0001318893

Date of test: 14.02.2018
Date of manufacture: 01.02.2018
Retest date: 01.02.2020

Specification: AMENDED 15-JAN-2016

Quality Control Results

Analytical Test		Specification Limit		Value	Unit	Status
Method No.	Characteristic	Lower	Upper			
	Addendum 00	PASS OR FAIL		Pass	-	P
	REVISION NUMBER	6.0		Pass	-	P
	MATERIAL CONFORMS TO	CURRENT PhEur		Pass	-	P
	MONOGRAPH NAME	SORBITAN SESQUIOLEAT E		Pass	-	P
AR010260	APPEARANCE (CLARITY)	CLEAR/SLIGHTLY HAZY		Pass	-	P
AR010270	APPEARANCE (COLOUR)	MAY FORM SEDIMENT YELLOW TO BROWNISH YELLOW		Pass	-	P
AR010280	APPEARANCE (FORM)	VISCOUS LIQUID		Pass	-	P
ER020020	SAPONIFICATION VALUE	145	160	156	mg KOH/g	P
ER020040	IODINE VALUE	70	80	78	g/100g	P
ER020030	HYDROXYL VALUE	185	215	202	mg KOH/g	P
ER071200	PEROXIDE VALUE	0	3	1	meq/kg	P
ER098600	WATER CONTENT	0,0	1,0	0,2	%w/w	P
ER020010	ACID VALUE	0	12	8	mg KOH/g	P
LR020710	COLOUR	0	7	6	Gardner	P
LR016170	HEAVY METALS	10 MG/PB/KG MAX		Pass	-	P
FR020100	SULPHATED ASH	0.5% w/w MAX		Pass	-	P
LR020290	MYRISTIC ACID C14	0,0	5,0	0,1	%w/w	P
LR020290	PALMITIC ACID C16	0,0	16,0	4,5	%w/w	P
LR020290	PALMITOLEIC ACID C16:1	0,0	8,0	1,0	%w/w	P