



Product Specification

Edition: 03/02/2011

BFR 0022

Pharmaceutical mineral oil

Substit.
edition:

MEETS SPECS: FUI; DAB; USP; NF; BP; EP Pharmacopoeias: most recent editions; FDA 172.878, 178.3620a, 573.680.

PARAMETERS	MEASURE UNIT	METHOD	VALUE		
			MIN.	MAX	TYP.
Appearance		ASTM D 4176/1	C & B		
Odour			Odourless		
Saybolt color		ASTM D 156	+30		
Density at 15°C	Kg/mc	ASTM D 1298		867	
Viscosity at 40°C	cSt	ASTM D 445	20,6	26	
Viscosity at 100°C	cSt	ASTM D 445			4,2
Dynamic viscosity (20 °C)	mPa*s	Pharmacopoeias	25	80	
Flash point COC	°C	ASTM D 92	186		
Pour point	°C	ASTM D 97		-12	
Neutralization number	mgKOH/g	ASTM D 974		0,01	
Total sulfur	mg/kg	ASTM D 2622		10	
Refractive index (20°C)		ASTM D 1218			1,4670
Polycyclic Aromatic Hydrocarbons		Pharmacop./ASTM D 2269	Passes test		
Readily carbonisable substance		Pharmacop./ASTM D 565	Passes test		
Solid paraffins		Pharmacopoeias	Passes test		
Acidity or alkalinity		Pharmacopoeias	Passes test		

ISSUED (CTQ):

RA. M. OIL S.p.A.
RAFFINERIA MERIDIONALE OLI LUBRIFICANTI
Via Filicchio, 16/A
TAVERNANOVA di CASALNUOVO (NAPOLI)

APPROVED (Dds):