sonneborn

CERTIFICATE OF ANALYSIS

Sonneborn Refined Products B.V.
Mainhavenweg 6
1043 AL AMSTERDAM

Q8 DANMARK A/S
Arne Jacobsens Allé 7
DK-2300 COPENHAGEN

Product Name:	**CARNATION USP MEDICINAL OIL GRADE 15**
Batch Number:	**732276**
Ship Date	06.03.2025
Customer order Number	5242683-1
Order/item Number	852585/10
Delivery/item Number	80878523/10
Customer code	CARNATION USP DR/175KG
Quantity	8 DRM
Container Id	

Test	Method	Unit	Specification	Test Result
saybolt color	ASTM D 156		30 Min	30
Odor	Olfactory		----	none
Flashpoint COC	ASTM D 92	°C	165 Min	192
Pourpoint	ASTM D 97	°C	-6 Max	-21
Density at 20°C	ASTM D 4052	kg/m3	825 - 850	832
Kin. Viscosity at 40°C	ASTM D 7279	mm2/s	10,0 - 14,0	12,0
Kin. Viscosity at 100°C	ASTM D 7279	mm2/s	2,0 - 4,0	3,0
Purity acc. Eur. Pharm.	Pharm.		----	passes
Purity acc. USP	Pharm.		----	passes
Purity acc. NF	Pharm.		----	passes
Date of Manufacture				20241125

In compliance with the Ph.Eur./BP and USP/NF (current editions)

Solid Paraffin - BP/USP/Ph.Eur. (monograph)	pass
Acidity / Alkalinity - BP/USP/Ph.Eur. (monograph)	pass
Readily Carbonizable Substances - BP/USP/Ph.Eur. (monograph)	pass
Polycyclic Aromatic Hydrocarbons - BP/USP/Ph.Eur. (monograph)	pass
Limit of Sulfur Compounds - USP (monograph)	pass
IR Identification - BP/USP/Ph.Eur.(2.2.24)	typical pass*

*) Not tested on every batch

EXPIRY DATE: 3 years after manufacture date, when stored under appropriate conditions.

THIS DOCUMENT IS AUTOMATICALLY PRINTED AND THEREFORE NOT SIGNED

03/11/2025

ISO 9001
ISO 14001
BUREAU VERITAS
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Released by Tanja Pos, QA Department

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