



Alifarma S.A. de C.V.

CERTIFICATE OF ANALYSIS

PRODUCT: L-MENTHOL CRYSTALS (FOOD GRADE)

LOT NUMBER: 0906114
ISSUE DATE: JULY 6, 2009
NET WT: 25 KG/ DRUM 2,075 KGS 83 DRUMS
MANUFACTURE DATE: JUNE 8, 2009
EXPIRY DATE: JUNE 8, 2011

TESTING ITEMS	QUALITY CRITERION	TESTING RESULT
COLOR AND APPEARANCE	Colorless, transparent hexagonal or needlelike crystals.	Confirm
ODOR	Smell like menthol with happiness.	Confirm
MELTING POINT °C	41.5°C ~ 44°C	41.5-42.5°C
SOLUBILITY (25°C)	Melting 1 gram test sample into 5ml 90% alcohol	Confirm
NON-VOLATILE CONTENT %	≤0.05	0.030%
SPECIFIC ROTATION (25°C)	-50° ~ -49°	-49.49°
ARSENIC CONTENT (mg/kg)	≤3	<3
HEAVY METAL PB RATE (mg/kg)	≤10	<10
CHROMATOGRAPHIC PURITY	≥99.5%	99.57%
RESULT	Conform to BP2000/USP24	YES

