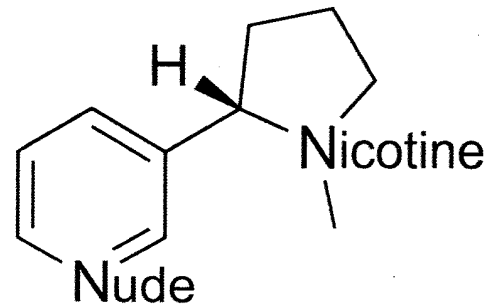


Product:	Date of Analysis:
Vegetable Glycerin (Glycerol) - Kosher	4/11/14
CAS # 56-81-15	Lot Number:
Density – 1.26g/mL	C010
Molar Mass – 92.1/mol	



Inspection Characteristic:	Specification:	Results:
Mass of VG (weight %)	99.5 min	99.9
Specific Gravity (25/25), °C	1.2607min	1.2617
Cl, ppm	10 max	3.1
Sulfates, ppm	20 max	Conforms
Chlorinated compounds, ppm	30 max	Conforms
Heavy metals – Pb, ppm	5 max	Conforms
Residue, ppm	20 max	5.0
Water, %	5 max	0.12
Color, APHA	10 max	2.4
Boiling Point, °C	290 min	290.0
Deposition Point, °C	292 max	291.1
Ethylene Glycol, %	0.1 max	Not detected
Diethylene Glycol, %	0.1 max	Not detected
IR Identification		Pass

Conclusion:	Complies with USP standards
Status:	Approved
Prepared by:	J. Rubenstein

*The vegetable glycerin
in this product has been*

**GC/MS
VERIFIED**

