



**QUALITY ASSURANCE  
STANDARD SPECIFICATIONS SHEET**

PRODUCT NAME: **b-CARYOPHYLLENE, NATURAL, 1% IN  
ETHANOL**

PRODUCT CODE: 0471813

CONTENTS: Natural Flavor

DATE: 11/16/06

LEGAL STATUS: GRAS, CFR 172.510 FEMA #2252  
Natural US 21 CFR 101.22, Kosher  
Natural EEC 88/388 Article 1(2)(b)(i)  
CoE 2118c; CAS 87-44-5  
EINECS 201-746-1; Hno 2902.19

STORAGE CONDITIONS: Cool dark area, < 70° F  
Purge with Nitrogen after each opening

SHELF LIFE: 12 Months

APPEARANCE: Clear Liquid

COLOR: Colorless

FLAVOR/ODOR: Conforms to standard

SPECIFIC GRAVITY, 20°C: 0.7753 – 0.8153

REFRACTIVE INDEX, 20°C: 1.3611 – 1.3651

GC PROFILE: Conforms to standard

FLASH POINT: 63°F

*Technology Improving Taste*