

RAW MATERIAL SPECIFICATION

PRODCET NAME = Vitamin K2 All-trans 1500 ppm (European Origin)

Description:

Vitamin K2 All-trans MK-7 in Oil (MCT)

| ORGANOLEPTIC QUALITY | SPECIFICATIONS |
|----------------------|----------------------------|
| Aspect: | Oil Suspension |
| Color: | Clear Pale Yellow in color |
| Flavor: | Characteristic |

| ANALYTICAL QUALITY | SPECIFICATIONS |
|------------------------------|---|
| Total All-trans Vitamin MK-7 | > 1500 ppm |
| Support/Carrier | Medium Chain Triglyceride Oil (MCT Oil, food grade) |
| Total Heavy Metals | <5 ppm |
| Lead content: | <0.5 ppm |
| Mercury content | <0.1 ppm |
| Arsenic content: | <0.5 ppm |
| Cadmium Content | <0.5 ppm |

| Microbiological Quality | Specifications |
|-------------------------------|----------------|
| Total plate count | < 1000 Cfu/g |
| Yeasts and molds | < 100 Cfu/g |
| Coliforms | < 10 Cfu/g |
| <i>Pseudomonas aeruginosa</i> | Absent in 1g |
| <i>Staphylococcus aureus</i> | Absent in 1g |
| <i>Salmonella</i> Sp | Absent in 25g |

Shelf life:

24 months from the date of manufacture

Storage/handling:

Room temperature (<25o C/ 77o F), protected from light, excessive heat and moisture

Packaging:

5 kg in Aluminum Cans.