



TECHNICAL DATA SHEET

NATURAL CAMPHOR

GENERAL PRODUCT DESCRIPTION

Natural Camphor is separated from linaloe wood oil and eucalyptus oil.

| | |
|--------------------|---|
| Appearance | Water White Clear Liquid |
| CAS No. | 76-22-2 |
| Synonyms : | 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one |
| Molecular formula: | C ₁₀ H ₁₆ O |
| Molecular Weight: | 152.23 |



PRODUCT SPECIFICATIONS

| Product specification | Typical Properties |
|----------------------------|---|
| Odor | Spicy and cooling odor of camphor |
| Appearance | White, crystalline powder or friable, crystalline masses. |
| Optical Rotation (25°C) | + 40 ~ + 44 |
| Relative Density (25/25°C) | 0.99 |
| Solubility | Slightly soluble in water, very soluble in alcohol and in light petroleum, freely soluble in fatty oils, very slightly soluble in glycerol. |
| Melting Point | 175°C -179°C |
| Flash point | 64°C (Closed-cup) |
| content | >97% |
| Residue on evaporation | Evaporate 2g on a water-bath and dry in an oven at 100°C-105 °C for 1h, the residue weights a maximum of 1mg. |

APPLICATIONS

Widely applied to pharmaceutical intermediates and pharmaceutical aditive for external use.

FORM OF SUPPLY

Net weight 25kg per carton

STORAGE CONFITIONS:

Stored in Cool, dry and ventilated location. Protected from light and covered with nitrogen in container.

Shelf life: One year with proper storage.