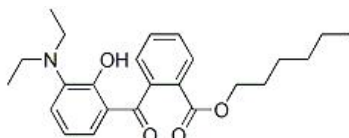




# TECHNICAL DATA SHEET

<b>Chemical Name:</b>	Diethylamino Hydroxybenzoyl Hexyl Benzoate
<b>CAS No. :</b>	302776-68-7
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>31</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	397.5
<b>Alisa:</b>	DHHB ;UVA PLUS ; Hexyl 2-[4-(Diethylamino)-2-hydroxybenzoyl]benzoate

## Structural Formula:



**Solubility:** Easily dissolve in ethyl acetate and ethanol, insoluble in water.

## Test Specification:

Test Item	Test Specification
Appearance	Slightly white powder or granular
Identification (UV)	352nm~356nm
Solubility	Dissolves in ethyl acetate, ethanol
Melting Point	≥ 54.0 °C
Specific Absorption (E1/1), (354nm in ethanol)	910~940
Color Gardner (in a molten manner)	≤ 8.2
Loss on drying	≤ 0.5%
Heavy metals	≤ 5ppm
Assay (HPLC)	98.0 ~ 105.0%

## Function:

1. Have high absorption effect of UVA1
2. Have strong protection for free radical produced by ultraviolet radiation.
3. can promote SPF value of UVB sunscreen
4. good light stability, can maintain for a long time

**Application:** used for gel, cream, lotion, creams and other skin care products.

**Usage:** allows to use in cosmetics 10%max

**Adding Method:** According to the conventional method

**Package:** 25kg/ fiber drum

**Storage:** Stored in sealed receptacles at room temperature, away from the light. Two-year validity.