

Technical Datasheet

Trade Name: Sunovi-B4

INCI: Benzophenone-4

Cas. No.: 4065-45-6

EINECS: 223-772-2

Item	Standard
Appearance	Off-white or light yellow crystalline powder
Specific Extinction (1%, 1cm)	E ₂₈₅ : 460 ~ 490 E ₃₂₅ : 285 ~ 315
Ph Value	1.2~2.2
Melting Point	Min. 140°C
Loss on Drying	Max. 3.0%
Turbidity in water	Max. 4.0EBC
Gardner Color	Max. 2.0
Assay purity (HPLC)	Min. 99.0%
Heavy Metals	
Nickel (Ni)	Max. 1 ppm
Mercury (Hg)	Max. 1 ppm
Antimony (Sb)	Max. 1 ppm
Lead (Pb)	Max. 5 ppm
Arsenic (As)	Max. 2 ppm
Cadmium (Cd)	Max. 1 ppm
Microbiology	
Total Aerobic Micro Count (TAMC)	Max. 100 cfu/g
Total Yeast and Mold Count (TYMC)	Max. 100 cfu/g

Product Description:

Sunovi-B4 (Benzophenone-4) is a sunscreen ingredient which protects the skin from damage by UVB and UVA ultraviolet light. It is water soluble and does not penetrate the skin to a large degree but enhances the ability of other chemicals to penetrate into skin.

Application:

It is used in sunscreen, skin care, Make up, bath and hair products.

Storage:

Keep it tight, light-resistant containers, Once the containers are open, please seal it again and use it during 24 hours.

Shelf life:

2 years after production date.