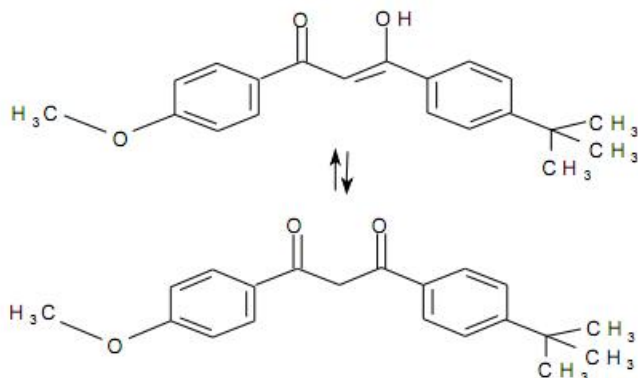


■ POLYMER ADDITIVES

BIONUTRICHEM UV1789

CHEMICAL COMPONENT

COMPONENT	4-T-BUTYL-4'-METHOXY-DIBENZOYLMETHANE
CAS	70356-09-1
Molecular	C ₂₀ H ₂₂ O ₃
M.W	310.50



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		LIGHT YELLOW TO WHITE CRYSTALLINE POWDER
ASSAY	%	97.00-104.00
IDENTIFICATION	%	3.00MAX
ABSORPTIVITIES AT 360nm		
VOLATILES	%	0.50MAX
MELTING RANGE	°C	81.00-86.00
IMPURITY		
INDIVIDUAL IMPURITIES	%	3.00MAX
TOTAL IMPURITIES	%	4.50MAX
SPECIFIC EXTINCTION		1150-1180
ARSENIC	ppm	2.0MAX
HEAVY METALS	ppm	20.0MAX

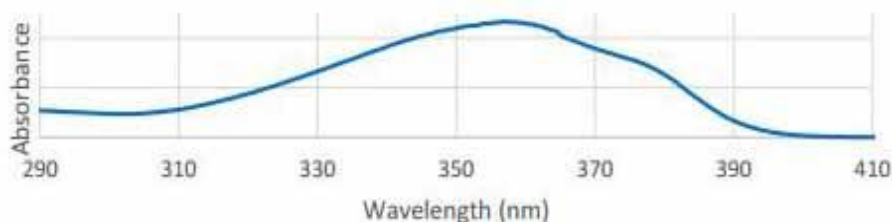
FEATURE AND APPLICATION

*BIONUTRICHEM UV 1789(AVOBENZONE) is broad spectrum UV absorber with effective absorbtion in both UVA and UVB region

*BIONUTRICHEM UV 1789(AVOBENZONE) is suggested to be used in sunscreen products and formulation of protective hair-care, medicated Skin-Care and also to quench phototoxic skin reactions initiated by weak phototoxic materials.

*BIONUTRICHEM UV 1789(AVOBENZONE) is incompatible with formaldehyde,formaldehyde donor preservatives and heavy metals (Pink-Orange Color with Iron) , formulation with PABA and its esters develop a yellow color. It can form complexes with aluminium above PH.7.

So BIONUTRICHEM UV 1789(AVOBENZONE) should avoid Iron and Ferric Salts, Heavy metals,Formaldehyde donors, PABA and PABA esters.



PACRING

25KG/Drum

STORAGE

Keep container tightly closed and dry and storage in cool place