

3469– BENZOPHENONE (DIPHENYLKETENE)

REF NO: TBL/QA/SS/LC/3469	STANDARD SPECIFICATION FOR BENZOPHENONE (DIPHENYLKETENE)	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 3469

PRODUCT PROPERTIES

C.A.S Number	119-61-9
Chemical Formula	C ₁₃ H ₁₀ O
Formula weight	182.22
Functional Uses	Benzoin may be used as a photoinitiator in the synthesis of biocompatible and degradable hydrogels based on 2-hydroxyethyl (meth)acrylates and gelatin via combined microwave-assisted and photo-polymerization technique.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (at 105°C)	NMT- 0.1%
Sulphated Ash	NMT- 0.05%
Melting Point	131-134° C
Assay	NLT- 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

