

2526– BENZOIN

REF NO: TBL/QA/SS/LC/2526	STANDARD SPECIFICATION FOR BENZOIN	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 2526

PRODUCT PROPERTIES

C.A.S Number	119-53-9
Chemical Formula	C ₁₄ H ₁₂ O ₂
Formula weight	212.25
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	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or yellow white crystalline Powder.
Solubility	Slightly soluble in water, soluble in chlorine.

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.

