

5007 – BUTYLATED HYDROXY TOLUENE (B.H.T.) (FOOD GRADE)

REF NO: TBL/QA/SS/F/5007	STANDARD SPECIFICATION FOR BUTYLATED HYDROXY TOLUENE (B.H.T.) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date:07/02/2022		Product code: 5007

PRODUCT PROPERTIES

C.A.S Number	128-37-0
Chemical Formula	C ₁₅ H ₂₄ O
Formula weight	220.36
Functional Uses	Butylated Hydroxy Toluene is used as an antioxidant
Standard Packaging	25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White, crystalline or flaked solid, odorless or having a characteristic faint aromatic odor.
Solubility	Insoluble in water and propane-1,2-diol; freely soluble in ethanol

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting range	69°C - 72°C
Spectrophotometry	Passes test
Colour reaction	Passes test
Solidification	NLT – 69.2°
Sulfated ash	NMT – 0.005%
Lead	NMT – 2 mg/kg
Phenolic impurities	NMT – 0.5%
Assay	NLT – 99.0%

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

