

5006– BUTYLATED HYDROXYANISOLE (B.H.A), FOOD GRADE

REF NO: TBL/QA/SS/F/5006	STANDARD SPECIFICATION FOR BUTYLATED HYDROXYANISOLE (B.H.A), FOOD GRADE	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: 5006

PRODUCT PROPERTIES

C.A.S Number	25013-16-5
Chemical Formula	C ₁₁ H ₁₆ O ₂
Formula weight	180.25
Functional Uses	Antioxidant and preservative in foods and pharmaceuticals.
Standard Packaging	25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or slightly yellow crystals or waxy solid, with a faint characteristic odor.
Solubility	Insoluble in water; freely soluble in ethanol and propane-1,2-diol

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulfated ash	NMT – 0.05%
Lead	NMT – 2 mg/kg
Phenolic impurities	NMT – 0.5%
Assay	NLT – 98.5% of C ₁₁ H ₁₆ O ₂ and NLT – 85.0% of 3-tertiary-butyl-4- hydroxyanisole

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

