

BHT Crystal Grade (BHT Food Grade)

Butyl-hydroxy toluene (BHT); 4-methyl-2,6-di-tert-butylphenol; 2,6-di-tert-butyl-paracresol

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Specifications

BHT crystalline is intended for use as an antioxidant additive E321 in food industry to improve the quality of edible oils, fats, to protect against oxidation of polymers in contact with food.

- CAS # 128-37-0
- Empirical formula: C₁₅H₂₄O
- REACH registered.

BHT crystalline must comply with the following quality parameters:

Parameter	Standard
Appearance	White crystals without foreign impurities
End melting point, °C, not lower than	70.0
Main substance content, %, min	99.9
Water content, %, max	0.025
Other Alkyl Phenols content, %, max	0.1
Ash content, %, max	0.002
Color, APHA, UOM, max	10
Heavy metals content, ppm, max*	10
Lead, ppm, max*	2
Arsenic, ppm, max*	3
Mercury, ppm, max*	1

* Not reported on CoA as no tested on every lot

Packaging: It is packed into multi-layer paper bags of 20 kg, then put on pallets and wrapped in polymer stretch film.

Transportation: It is transported by all types of transport in covered transporting means in accordance to all rules of cargo's transportation standing at transport of this form.

Storage: It is stored in a closed warehouse at a max temperature 40 °C, away from direct sun.

Guaranteed Shelf Life: 18 months from the production date. After expiration of the guaranteed shelf life, the product can be used for its intended purpose upon checking for compliance with specification requirements.