



## TECHNICAL DATA SHEET

<b>Product Name</b>	<b>Tertiary Butyl Hydroquinone (FCC Food Grade, Kosher)</b>
<b>Acronym</b>	TBHQ
<b>CAS No.</b>	1948-33-0
<b>Synonyms</b>	Mono-tertiary butyl hydroquinone, Tert-Butyl-1,4-Benzenediol
<b>Chemical Formula</b>	C <sub>10</sub> H <sub>14</sub> O <sub>2</sub>
<b>Molecular Weight</b>	166.21
<b>Description</b>	TBHQ is used to stabilize various oils, fats, foods, and cosmetics against oxidative deterioration; thus extending shelf life. TBHQ is the most effective antioxidant for highly unsaturated vegetable oils and many edible animal fats. It shows no discoloration when used in the presence of iron and produces no discernible odor or flavor when added to various oils, fats, and foods.
<b>Properties</b>	
Appearance	White to light tan crystalline powder
Density	1.05 g/cc
Melting Point	126.5 – 128.5 °C
Boiling Point	295 °C
Flash Point	171 °C
<b>Application Areas</b>	Food Additives Biodegradable Lubricants Vegetable Oils Edible Fats Flavorings Animal Feed / Pet Food Cosmetics and Personal Care
<b>Packaging</b>	
Pallet Size	55 lb / 25 kg polylined bags 1320 lb / 600 kg per standard size pallet
Bulk	FCL of 6 MT palletized and shrink wrap



**Avalon Chemicals, Inc.**

## SPECIFICATION SHEET

**Product** : Tertiary Butyl Hydroquinone (FCC Food Grade)  
**CAS No.** : 1948-33-0

<b>Parameters</b>	<b>Specification</b>
<b>Appearance</b>	White to light tan crystalline powder
<b>Purity</b>	99.0 % min
<b>Moisture</b>	0.5 % max
<b>Melting Point</b>	126.5 – 128.5 °C
<b>Boiling Point</b>	295 °C
<b>Flash Point</b>	171 °C
<b>Heavy Metals (as Pb)</b>	2 ppm max
<b>Hydroquinone</b>	0.1 % max
<b>Toluene</b>	25 ppm max
<b>2,5 Di-tert Butyl Hydroquinone</b>	0.2 % max