



## GC CHEMICALS

### SPECIFICATION SHEET

1. PRODUCT NAME:	<b>Butylated Hydroxyanisole FCC (BHA)</b>
2. APPEARANCE:	BHA is a white to slightly yellow waxy flakes having characteristic odour. The product has a tendency to form soft lumps over time due to its nature.
3. CHEMICAL NAME:	Butylated Hydroxyanisole
4. MOLECULAR FORMULA:	C <sub>11</sub> H <sub>16</sub> O <sub>2</sub>
5. MOLECULAR WEIGHT:	180.3
6. IDENTIFICATION:	CAS Number 25013-16-5, E number: 320
7. FUNCTIONAL CLASS:	Antioxidant
8. ABBREVIATIONS:	FCC = Food Chemical Codex. CFSL = Camlin Fine Sciences Ltd.

TESTS	SPECIFICATIONS	METHOD
9. IDENTIFICATION		
a) Description	White to slightly yellow waxy solid.	FCC
b) Solubility	Freely soluble in alcohol, propylene glycol. Insoluble in water.	FCC
c) Melting Range	Between 48°C to 63°C.	FCC
d) Colour Test	To Comply	FCC
10. PURITY		
a) Assay (HPLC)	Minimum 98.5% of C <sub>11</sub> H <sub>16</sub> O <sub>2</sub>	FCC
b) Residue on Ignition	Maximum 0.05% (use 10 g)	FCC, JECFA
c) Arsenic content	Maximum 3 ppm	FCC
d) Lead content	Maximum 2 ppm	JECFA
*e) Phenolic Impurities	Maximum 0.5%	JECFA
*f) Mercury content	NMT 1 mg/kg	EU
*g) Heavy Metals (as Pb)	NMT 10 ppm	NF
*h) Specific Absorbtion (1% ethanol at 290nm)	Between 190 and 210	EU
*i) Specific Absorbtion (1% ethanol at 228nm)	Between 326 and 345	EU

\*To be analysed randomly in between every 25<sup>th</sup> batch.

#### 11. CONFORMITY:

- FCC, JECFA and EU: Butylated Hydroxyanisole conforms with FCC, JECFA and EU specifications.
- Genetically Modified Organisms: Butylated Hydroxyanisole is not produced from ingredients or processing aids derived by genetic modification. Butylated Hydroxyanisole does not contain any genetically modified organisms.
- BSE/TSE: No animal derived ingredients whatsoever are used in the production of Butylated Hydroxyanisole. Further there is no animal derived ingredient used in the facility where Butylated Hydroxyanisole is produced.
- ISO CERTIFICATION: Butylated Hydroxyanisole is ISO 9001:2008, ISO 22000:2005 and FAMI-QS Certified.
- KOSHER: Butylated Hydroxyanisole is Kosher & Pareve and can be used in Kosher food industry, pharmaceuticals & other Kosher products.
- HALAL: Butylated Hydroxyanisole is Halal certified.

12. APPLICATIONS: Shortenings, Butter, Cereals, Chewing gum, Lard.

13. SHELF LIFE: 2 years from the date of manufacture, when properly stored in sealed original container in cool dry place.

14. STORAGE: Store in cool dry place away from moisture, oxidizing agents and alkaline atmosphere. Keep container closed when not in use.

15. PACKAGING: 2 x 12.5 kg packed in LDPE bag in fibre drums.

25 kg packed in LDPE bag inside HDPE bag.

2 x 10 kg packed in LDPE bag inside 7 ply corrugated box.

16. LABELLING: The label includes product name, batch number, gross weight, net weight, manufacturer name, manufacturing date and expiration date.

TARTARIC ACID • CREAM OF TARTAR • ROCHELLE SALT

A FULLY OWNED SUBSIDIARY OF TARTAROS GONZALO CASTELLO, SL  
TARTRATE PRODUCERS SINCE 1907

GC CHEMICALS, CORP. Telephone (914) 834-4151 Fax: (914) 834-3761  
1890 Palmer Avenue, Suite 403 B, Larchmont, NY 10538  
e-mail: [Info@gcchemicals.com](mailto:Info@gcchemicals.com)