

CERTIFICATE OF ANALYSIS

Material Description: Probenz(TM) SG Sodium Benzoate, Food Grade, Kosher, 25 KG Bag

Batch / Lot : 17057/3

Total # of Packages : 880,000
 Net Weight, LB : 48.501,737
 Net Weight, KG : 22.000,000

Characteristic	Value	Lower Limit	Upper Limit
Production Date	12.05.2017		
Expiration date, shelf life	12.05.2019		
Assay (Dry Basis), %	100,1	99,0	100,5
Moisture, %	0,2		1,5
Appearance	PASS		
Odor	Passes		
Taste and Odor	PASS		
Alkalinity (as NaOH), %	< 0,04		0,04
Acidity (As HCl), %	0,01		0,04
Ident of Benzoate	PASS		
Identification of Na	PASS		
Solution Clarity/Color	PASS		
Polycyclic Acids	Passes		
**Chlorinated Organic Compounds, ppm	< 300		300
**Phenols, ppm	< 2		2
**Carbonizable Substances	Passes		
**Oxidizable Substances	Passes		
**Heavy Metals as Lead, ppm	< 10		10
**Lead (Pb), ppm	< 2		2
**Arsenic, ppm	< 3		3
**Mercury, ppm	< 1		1

If you have received this material from a distributor, please contact the distributor for further information. If you have questions related to Eastman shipments, please call your Customer Service Representative for assistance.

The information given and the recommendations made herein are, to the best of our knowledge and belief, accurate and reliable, but Eastman Chemical Company does not guarantee the accuracy or reliability or warranty and assumes no responsibility or liability for use of products in original form or otherwise. The user is responsible for determination of suitability of any material or practice for a

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specific purpose and for adoption of such precautions as may be necessary.

Properties marked with ** are tested on an audit basis

Eastman Probenz sodium benzoate products are not genetically modified organisms (GMO) as defined in Article 2 of 2001/18/EC. Therefore, these products are suitable for use in foods sold in the EU without labeling for GMO content.

In regards to labeling of allergenic foods, Eastman Probenz sodium benzoate products do not contain any ingredients listed under Annex IIIa of Directive 2000/13/EC of the European Parliament and of the Council of 20 March 2003 on the approximation of the laws of the Member States relating to the labeling, presentation and advertising of foodstuffs and its amendments.