



SALES SPECIFICATION

PRODUCT NAME: Propylene Glycol USP Material

Description:

Color: Colorless

Odor: Practically odorless

Appearance: Liquid

Test Description	Specification Limits		Unit of Measure
	Minimum	Maximum	
Acidity as acetic acid		0.005	Wt %
Appearance	Pass		
Assay	99.5		Wt %
Chlorides		1	ppm
Color		10	Pt-Co
Distillation, IBP	185		Deg C
Distillation, DP		189	Deg C.
Heavy Metals as Pb		5.0	ppm
Identification, matches IR scan	Pass		
Iron		0.5	ppm
Lead		1	ppm (1)
Oxidizing Substance	Pass		
Residue on Ignition		70	ppm
Residual Solvents	Pass		
Refractive Index @ 20° C	1.4310	1.4340	
Reducing Substance	Pass		
Specific Gravity @ 25° C	1.035	1.037	
Sulfate		60	ppm
Water		0.200	Wt %
Ethylene glycol		0.10	Wt %
Diethylene glycol		0.10	Wt %

(1) Agreed Specification limits –no results reported

This product meets the requirements for the Propylene Glycol current United States Pharmacopoeia (USP), European Pharmacopoeia (EP), and the Food Chemicals Codex (FCC).

Third Coast Chemicals warrants only that its products meet the specifications stated herein. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTEE, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE SUITABILITY OF ANY CHEMICAL COMPOUNDS FOR ANY PARTICULAR USE, OR THAT ANY CHEMICAL COMPOUNDS OR USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. EACH USER SHOULD CONDUCT A SUFFICIENT INVESTIGATION TO ESTABLISH THE SUITABILITY OF ANY PRODUCT FOR ITS INTENDED USE. Products may be toxic and require special precautions in handling. For all products listed, user should obtain detailed information on toxicity, together with proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards. The applicable Material Safety Data Sheet should be reviewed before handling the product.