

## Sales Specification

# 1,3-BG (Cosmetic Quality)

CAS-No. 107-88-0

<i>Sales-Specifications</i>	Property	Limit	Unit	Test Method	PQR
	1,3-Butylene Glycol	min. 99.5 *	% (w/w)	Gas Chromatography	x
	Water	max. 0.5 *	% (w/w)	DIN 51 777 tec. / ASTM D 1364	x
	Acidity, as Acetic Acid	max. 0.005 *	% (w/w)	DIN EN ISO 2114 / ASTM D 1613	x
	Ash	max. 0.05	% (w/w)	ASTM D 2195	x
	Sulfates, as SO <sub>4</sub>	max. 0.005	% (w/w)	IC	x
	Heavy Metals, as Lead (Pb)	max. 5	mg/kg	ICP	x
	Arsenic (As)	max. 2	mg/kg	ICP	x
	Distillation Range (95%)	max. 203 - 209	°C	DIN 53171 / ASTM D 1078	x
	Initial Boiling Point	min. 200	°C	DIN 53171 / ASTM D 1078	x
	Final Boiling Point	max. 215	°C	DIN 53171 / ASTM D 1078	x
	Platinum/Cobalt Color (Hazen/APHA Color)	max. 10 *		DIN EN 1557 / DIN EN ISO 6271 / ASTM D 1209	x
	Specific Gravity at 20/20 °C	1.004 - 1.006 *		DIN EN 510757, Meth. D / ASTM D 4052	x
	Refractive Index at 20 °C	1.4390 - 1.4410		DIN 51 423-2 / ASTM D1747	x
	Odor	Low Intensity; typical Character (meets Standard) *		OL 1462	x
	Appearance	Clear Liquid with no suspended Matter *		Visual Examination	x

*Remarks* Unless other wise indicated as shipment specific (\*), the results in this report are representative of the shipping inventory.

*Product-No.* 51000294

*Date of Issue* 2013-04-11

*Version-No.* 3

OXEA GmbH  
Otto-Roelen-Straße 3  
46147 Oberhausen  
Germany

OXEA Corporation  
1505 West LBJ Freeway  
Suite 400  
Dallas, TX 75234  
USA

email: [psq@oxea-chemicals.com](mailto:psq@oxea-chemicals.com)

Page 1 of 1  
10010A\_SLS\_NA\_V3

The parameters marked with x are listed on the Product Quality Report (PQR).  
Test methods used are available upon request. Contact your Sales Support for copies.

Typical properties are not part of the sales specification.

This information is based on our present state of knowledge and shall be intended to provide general notes on our products and their field of application. It shall therefore not be construed as guaranteeing specific characteristics of the products described and/or their suitability for a particular application. Any existing industrial property rights shall be observed. The quality of our products is warranted under our General Conditions of Sale.