



Sales Specification

1,3-BG (Cosmetic Quality)

1,3-Butylene glycol

General data

CAS-No.	107-88-0	Version	1
Date of issue	15.05.2020		
Product No.	50002615	51000294	51005023

Additional product number(s) may be in use for other packaging

Sales Specification

Property		Limit	Unit	Test Method
1,3-Butylene glycol	min.	99.5 *	% (w/w)	Gas chromatography
Water	max.	0.5 *	% (w/w)	DIN 51777 tec. / ASTM D1364
Acidity, as Acetic acid	max.	0.005 *	% (w/w)	DIN EN ISO 2114 / ASTM D1613
Ash	max.	0.05	% (w/w)	ASTM D2195
Sulfates, as SO ₄	max.	0.005	% (w/w)	IC
Heavy Metals, as Lead (Pb)	max.	5	mg/kg	ICP
Arsenic (As)	max.	2	mg/kg	ICP
Distillation Range (95%)	max.	203 - 209	°C	DIN 53171 / ASTM D1078
Initial Boiling Point	min.	200	°C	DIN 53171 / ASTM D1078
Final Boiling Point	max.	215	°C	DIN 53171 / ASTM D1078
Platinum/Cobalt Color (Hazen/APHA Color)	max.	10 *		DIN EN 1557 / DIN EN ISO 6271 / ASTM D1209
Specific Gravity at 20/20 °C		1.004 - 1.006 *		DIN EN 51757, Meth. D / ASTM D4052
Refractive Index at 20 °C		1.4390 - 1.4410		DIN 51423-2 / ASTM D1747
Odor	Low Intensity; typical Character (meets Standard) *			OL 1462
Appearance	Clear Liquid with no suspended Matter *			Visual Examination

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

The parameters given in the Sales Specification table are listed on the Product Quality Report (PQR).
Non-standard Test methods used are available upon request (due to Copy Right). Contact your Sales Support for copies.

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Typical properties not especially listed are given in the appropriate SDS, they 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.