

## **Certificate Of Analysis**

Customer Order No. : 211L Customer Number : 57557

 Date Shipped
 : February 18, 2016

 Lyondell Order No.
 : 4106651 000010

 Delivery Item No.
 : 87825225 000010

RUSSIAN FED.

Lyondell Material : 499013

Batch Number : RB160218C1 Vehicle Number : MEBU 126037-4

Test Description	Specifications		Test	Unit of
	Minimum	Maximum	Result	Measure
Source Tank			3724	
Appearance	Pass		Pass	
1,4 Butanediol assay	99,50		99,96	weight %
Water		300	17	weight ppm
Color, Pt-Co		10	2	APHA Color
Carbonyl as CHO		0,30	0,00	mgKOH/g
	End of Test Data			

1.4 BUTANEDIOL, BULK

End of Document

Specification Version: 6 Print Date: February 18, 2016

For Further Questions, Please Contact your Customer Service Representative

France/Portugal: 00.31.10.275.4410 Italy: 00.31.10.275.4430 Spain: 00.31.10.275.4435 Oxyfuels: 00.31.10.275.4219

Middle East/Africa: 00.31.10.275.4414 Benelux: 00.31.10.275.4402 UK/Scandinavia: 00.31.10.275.4406

Germany/Switzerland: 00.31.10.275.4423

This Certificate of Analysis contains the most current information available as of the print date.

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The Lyondell method numbers and the reference/base method numbers are located on the specification document.

Specification documents are available upon request from your Customer Service Representative. CXHEIJDE

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