

To : MESSRS.

Certificate of Analysis

This is to certify that the quality of the following commodity has been duly inspected by our testing division and is found to be in accordance with specifications of KURARAY CO., LTD.

16-Mar-2022

Name of Commodity : 3-Methoxy-3-Methyl-1-Butanol
 Lot No. : 32616
 Production Date : 4-Mar-2022
 Date of Analysis : 28-Feb-2022
 Best Before Date : 3-Mar-2024

Our Analysis Results

Test Item	Units	Specification	Results	Results
Purity (GC)	%	≥ 99.0	99.56	OK
Appearance		Clear&Colorless Liquid	Clear, Colorless Liquid	OK
Distillation IBP (760mmHg)	°C	≥ 168	174.6	OK
Distillation DP (760mmHg)	°C	≤ 178	176.0	OK
Water	%	≤ 0.20	0.04	OK
Acidity as acetic acid	%	≤ 0.01	0.001	OK
Color (APHA)		≤ 10	<5	OK
Specific Gravity(20/20°C)		0.925~0.930	0.928	OK

Note

Your PO no.: 041122.1
 Total qty.: 1295kg (7 drums) / 185kg (1 drum)

With best regards,

Kuraray Co., Ltd.

Hiroaki Obata
 Chemicals Marketing & Sales Department
 Isoprene Chemicals Division
 Isoprene Company