

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.

13-Jun-2022

Name of Commodity : 3-Methoxy-3-Methyl-1-Butanol  
Lot No. : 32738  
Production Date : 26-Apr-2022  
Date of Analysis : 25-Apr-2022  
Best Before Date : 25-Apr-2024

Our Analysis Results

Test Item	Units	Specification	Results	Results
Purity (GC)	%	$\geq 99.0$	99.56	OK
Appearance		Clear&Colorless Liquid	Clear, Colorless Liquid	OK
Distillation IBP (760mmHg)	°C	$\geq 168$	174.8	OK
Distillation DP (760mmHg)	°C	$\leq 178$	176.0	OK
Water	%	$\leq 0.20$	0.03	OK
Acidity as acetic acid	%	$\leq 0.01$	<0.001	OK
Color (APHA)		$\leq 10$	<5	OK
Specific Gravity (20/20°C)		0.925~0.930	0.928	OK

Note

Your PO no.: 41046729  
Your material no.: 322661  
Total qty.: 14800kg (80 drums) / 11285kg (61 drums)

With best regards,

Kuraray Co., Ltd.

  
Atsushi Maeda  
Chemicals Marketing & Sales Department  
Isoprene Chemicals Division  
Isoprene Company