

# TEST REPORT: 7191180519-CHM18-01-KJA

Date: 23 FEB 2018

Tel: +65 6885 1303 Fax: +65 67784301

Client's Ref: Q221413069

Email: man.xiao@tuv-sud-psb.sg

**Note:** This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.



PSB Singapore

Choose certainty.  
Add value.

## SUBJECT

Analysis of dodecafluoro-2-methylpentan-3-one

## CLIENT

Fike International Sdn Bhd  
No. 3, Jalan Para U8/103  
Metropolitan Business Park,  
Section U8, Bukit Jelutong,  
40150 Shah Alam  
Selangor

Attn: Mr. Kelvin Chaw

## SAMPLE SUBMISSION DATE

01 Feb 2018

## DESCRIPTION OF SAMPLE

One sample of dodecafluoro-2-methylpentan-3-one was received for analysis. The sample was labelled as follows:

Sample 1 – FK-5-1-12 Lot No: 817202

## METHOD OF TEST

Samples were analyzed based on the following methods:

Acidity	:	Acid-base Titration
Non-Volatile Residue	:	Drying Method
Moisture Content	:	Karl Fischer Coulometric Titration Method
Purity	:	Gas Chromatograph – Flame Ionization Detector (FID)



Laboratory:  
TÜV SÜD PSB Pte. Ltd.  
No.1 Science Park Drive  
Singapore 118221

Phone : +65-6885 1333  
Fax : +65-6776 8670  
E-mail: enquiries@tuv-sud-psb.sg  
www.tuv-sud-psb.sg  
Co. Reg : 199002667R

Regional Head Office:  
TÜV SÜD Asia Pacific Pte. Ltd.  
No.1 Science Park Drive, #02-01  
Singapore 118221  
TÜV®

**TEST REPORT: 7191180519-CHM18-01-KJA**  
23 FEB 2018



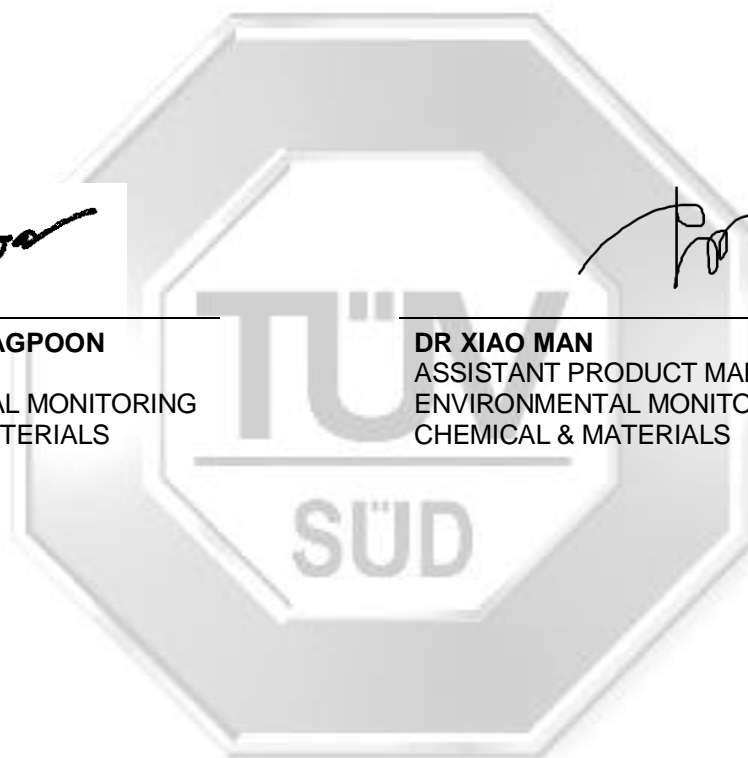
PSB Singapore

**RESULTS**

Test Parameter		Sample 1 FK-5-1-12 Lot No: 817202
Acidity (as HCl)	%m/m	1.67
Moisture Content	ppm (wt)	< 10
Nonvolatile Residue	g/100mL	0.01
Purity	%n/n	99.99

**KATHERINE J. AGPOON**  
CHEMIST  
ENVIRONMENTAL MONITORING  
CHEMICAL & MATERIALS

**DR XIAO MAN**  
ASSISTANT PRODUCT MANAGER  
ENVIRONMENTAL MONITORING  
CHEMICAL & MATERIALS



**TEST REPORT: 7191180519-CHM18-01-KJA**  
23 FEB 2018



PSB Singapore

**Please note that this Report is issued under the following terms :**

1. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.
2. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. TÜV SÜD PSB therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
3. Nothing in this report shall be interpreted to mean that TÜV SÜD PSB has verified or ascertained any endorsement or marks from any other testing authority or bodies that may be found on that sample.
4. This report shall not be reproduced wholly or in parts and no reference shall be made by the Client to TÜV SÜD PSB or to the report or results furnished by TÜV SÜD PSB in any advertisements or sales promotion.
5. Unless otherwise stated, the tests were carried out in TÜV SÜD PSB Pte Ltd, No.1 Science Park Drive Singapore 118221.

July 2011

