



PTT GLOBAL CHEMICAL PUBLIC COMPANY LIMITED

LABORATORY OPERATION SERVICES, Laboratory Operations V

9, Soi G9, Hemaraj Eastern Industrial Estate, Pakornsongkrohraj Road, Map Ta Phut, Mueang Rayong,

Tel : +66(0)3864-3971-2 Fax: +66(0)3864-3975

CERTIFICATE OF ANALYSIS	Report No. : COA-PHE-2603-01485
ACETONE PRODUCT	Job No. : R-WOP-26-03-0795
Replacement for Report No. :-	

Information from customers

Customer / Requester :	<i>Logistics Division (PTTGC18)</i>	For :	-
Address :	<i>9 Soi G9 Hemaraj eastern Industrail Eastern, Pakornsongkrohraj Rd, Map Ta Phut Rayong 21150</i>		
Telephone :	<i>038-643-8000</i>	Fax :	-
Contact Name :	<i>Nattawut Naimuang</i>	Email :	<i>nattawut.na@pttgcgroup.com</i>
Sample Name :	<i>Acetone Product</i>	Sampling Point :	<i>TTT-0414</i>
Sampling Date/Time :	<i>March 22, 2026 / 11:00</i>	Sampling By :	<i>GEO Chem</i>
Sample ID :	<i>PH1-PHE-F-2603035743</i>		
Received Date :	<i>March 22, 2026 / 11:13</i>	Test Date :	<i>March 22, 2026</i>
Sample Condition :	<i>Normal</i>		
Sampling By :	-		

Test Item	Test Method	Unit	Specification	Result	Note
Acetone Purity (Dry Basis)	In house Method base on QCL-236-03	wt %	99.5 Min	99.97	
Specific Gravity @20/20 °C	ASTM D4052-22	-	0.791-0.793	0.7921	
Distillation Range	ASTM D 1078-11 (Reapproved 2026)	°C	1 Max	0.5	
Permanganate Test	ASTM D1363-94	minutes	90 Min	>90	
Non volatile Matter	ASTM D1353-13	g/100 mL	0.001 Max	<0.0001	
Water Content	ASTM D1364-22	wt %	0.4 Max	0.26	
Color	ASTM D1209-25	Pt-Co	5 Max	3	
Appearance	Visual	-	Clear	Clear	

Reported By : Punrapha Boonruang

(MISS Punrapha Boonruang)
 (Senior Laboratory Analyst)

Issued Date : March 22, 2026

Approved By : Narimol

(MRS. Narimol Khaitha)
 (Laboratory Supervisor)

Approved Date : March 22, 2026

Remark :

1. Reported results are as-received sample which is in good conditions, no contamination and shall be drawn using appropriate sampling procedure by non-laboratory staff except mentioned in the reference document.
2. This test report is valid only when approved by authorized person and shall not be reproduced except in full, without written approval of PTT Global Chemical Public Company Limited authorized person.
3. In this test report, the Italic font is to identify information provided by the customer, * Indicates changed or additional result(s), ** indicates tested by outside, and (!) indicates Inhouse method.
4. For purposed of determining conformance with these specifications, an observed of a calculated result shall be rounded, in accordance with the rounding method of ASTM Practice E29, for Using Significant Digits in Test Data to Determine Conformance with Specifications.