

Rev.10	ACETONE IP SPECIFICATION		Reference
			IP-2022
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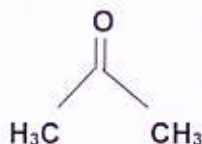
Sr.No.	Test	Specifications	Method of Analysis No.
1	Description	A clear, colourless, volatile liquid with characteristic odour. Flammable.	QC/PH-FG/SPEC/04-01
2	Boiling point	About 56 °C	QC/PH-FG/SPEC/04-02
3	Weight per ml at 25°C	About 0.79 g at 25°C	QC/PH-FG/SPEC/04-03
4	Residual solvents (By GC)		QC/PH-FG/SPEC/04-04
	a) Benzene	Not more than 2 ppm (v/v)	
	b) Methanol	Not more than 3000 ppm v/v	
	c) 2-Propanol	Not more than 5000 ppm v/v	

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	PREPARED BY	CHECKED BY	AUTHORIZED BY
	Q.C.	Q.C.	Q.A.
SIGNATURE	<i>Phabe</i>	<i>Qp</i>	<i>Pspandit</i>
DATE	11/03/2023	14/03/2023	15/03/2023

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GENERAL INFORMATION

Structure:

Molecular Formula: C₃H₆O

Molecular weight: 58.08

Desirable Pack:

To be supplied in MS drums/SS containers/HDPE containers/HM-HDPE containers and Glass bottles, properly identified with a label having Name of the material, Name of the Manufacturer, Quantity, Manufacturer's Batch Number, Manufacturing Date, Expiry Date and or Retest Date.

Storage Condition:

Protected from light.

Handling precaution:

Use PPE (Personal Protective Equipments) during handling of the material.

Sampling SOP:

As per the current approved sampling procedure. (SOP/QC/GE/01).

Quantity to be sampled:

Analysis Sample: About 490 ml

Control Sample: About 980 ml

Stability sample: About 5880 ml

Shelf life:

Three years from the date of manufacturing.

Note:
1. For Bullet, Filter, Supporting equipments rinsing and Filter cleaning-

- If previous product is any grade of Acetone, then perform Description, Boiling point, and Weight per ml at 25°C tests as per FG specification.
- If previous product is different then, perform Description, Boiling point tests as per FG specification and calculate previous product carry over by using "Purity (By GC)" method from Raw material specification. (Limit - NMT 0.2%) QC/SPEC/ACETONE_RM/01.

2. For Tanker Rinsing-

- Perform Description, Boiling point, Weight per ml at 25°C and Residual solvents (By GC) tests as per FG specification.

3. Blending and Packing-

- Perform all tests as per FG specification.

4. Residual solvents (By GC) test to be perform only for packing.
5. For Stability testing-

- Perform Description, Boiling point, Weight per ml at 25°C tests and Residual solvents (By GC). (Stability Sample quantity- About 490 ml for single analysis).

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Document number	Supersedes	Changes made	Reason for change
QC/PH-FG/SPEC/04	Rev.0	Format change – 1. General Information added. 2. History page added. 3. Reference updated	As per requirement of Schedule M. IP- 2010
	Rev.1	RUNA Logo inserted along with name of company.	As per SOP of Document and Data control
	Rev.2	Reference updated	IP- 2015 (Refer Change control No. RCPL/CC/QC/001-15)
	Rev.3	Reference updated	IP- 2016 (Refer Change control No. RCPL/CC/QC/002-16)
	Rev.4	Reference updated	IP- 2018 (Refer Change control No. RCPL/CC/QC/002-18)
	Rev.5	1. Mentioned tests to be perform for Bullet Rinsing, Filter Rinsing and Tanker Rinsing. 2. Shelf Life is added.	Refer Change Control No. RCPL/CC/QC/003-18
	Rev.6	1. Mentioned tests to be perform for Supporting equipments. 2. Quantity of Stability sample is added.	Refer Change Control No. RCPL/CC/PDN/003-18
	Rev.7	1. GAM No. Added for Boiling Point test. 2. Test wise method of analysis (MOA) is prepared. Method of Analysis No. is added.	(Refer Change Control No. RCPL/CC/QC/002-19) (Refer Change Control No. RCPL/CC/QC/003-19)
	Rev. 8	1. In MOA No. QC/PH-FG/SPEC/04-01 a) Procedure is updated b) "Interpretation" is added. 2. In MOA No. QC/PH-FG/SPEC/04-02 a) "Interpretation" term replaced by "Limit". 3. In MOA No. QC/PH-FG/SPEC/04-03 a) Limit is added. b) "sample" term replaced by "substance to be examine". 4. Following points are added in general information. a) Quantity to be sampled is modified by adding term "About"	(Refer Change Control No. RCPL/CC/QC/001-20)

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Document number	Supersedes	Changes made	Reason for change
QC/PH-FG/SPEC/04	Rev. 8	<ul style="list-style-type: none"> b) Mentioned tests to be perform for stability testing. c) Quantity for stability sample for single analysis is added. d) Desirable pack updated for addition of HM-DHPE containers. e) Filter cleaning is added. 	
	Rev.09	<ul style="list-style-type: none"> 1) Reference updated 2) Residual solvents (By GC) test added. 3) New MO. No.QC/PH-FG/SPEC/04-04 added. 	IP - 2022 (Refer Change Control No. RCPL/CC/QC/0004-23)

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