	<b>LEONID CHEMICALS PVT. LTD., BANGALORE</b>  An ISO-9001:2008 Certified Company  <b>Quality Assurance Department</b>	(CODE) DOCUMENT : R/QPM/8.2.4/06	
		(CODE) SECTION : A002	
Title: SPECIFICATION MANUAL - ACETONE			Issue : 02 Rev.: 00
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### Specification manual - Acetone

**Product** : Acetone reagent AR, ACS Grade.  
**Description** : A clear colourless liquid with a characteristic odour  
**Cat No** : A002  
**Prepared Date** : 07.03.2004  
**Approved Date** : 07.03.2005

REVISION HISTORY			
Issue/Rev	Description of Change	Author	Effective Date
01/00	<i>Initial Release</i>	S. Paul Joshua	07.03.2004
02/00	<i>Reviewed no changes</i>	S. Paul Joshua	01.04.2011
Next Review Due :	02.04.2015		
To be reviewed by :	Head-QC/QA		

Sl. No.	Tests	Specification	
		AR	ACS
1	Assay	-	≥99.5%
2	Distillation range	NLT 95 %	-
3	Refractive index	n <sub>20D</sub> 1.3580 to 1.3600	-
4	Solubility	Miscible with water forming clear colourless solutions	-
5	Weight per ml at 20°C	0.789 to 0.791	-
6	Acidity	0.002 %	-
7	Alkalinity	0.03 ml N/1 %	-
8	Non-volatile matter	0.0005 %	-
9	Aldehyde (HCHO)	0.002 %	0.002%

Approved By: S.Paul Joshua, Head Quality Control and Quality Assurance

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10	Methanol	0.05 %	0.05%
11	Substances reducing permanganate (O)	0.0002 %	Passes test
12	Water	0.2 %	0.5%
13	Color (APHA)	-	10
14	Residue after evaporation	-	0.001%
15	Titration acid	-	0.0003 meq/g
16	Titration base	-	0.0006 meq/g
17	Isopropyl alcohol	-	0.05%
18	Solubility in water	-	Passes test

Approved By: S.Paul Joshua, Head Quality Control and Quality Assurance