



## Acetone

Product Specification - Version 5a

<b>Specifications</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Test Method</b>
Purity (wt%)	99.5		GC
Specific Gravity @ 20/20C	0.7910	0.7930	ASTM D1298/D4052
Water (wt%)		0.5	ASTM D1364
Acidity as Acetic Acid (wt%)		0.002	ASTM D1613
Alkalinity as NH <sub>3</sub> (wt%)		0.001	ASTM D1614
Color (Pt-Co)		5	ASTM D1209
Distillation Range (degrees C)	1C including 56.1C		ASTM D1078
Permanganate Stability (mins@25C)	120		ASTM D1363
Residue on Evaporation (mg/100ml)		2	ASTM D1353
Benzene (mg/kg)		10	GC
Miscibility with DIW	No Opalescence		ASTM D1722
Appearance	Clear and free		Visual

*Notes: Typical analysis of product meets or exceeds specification requirements as stated in ASTM D329 which supercedes O-A-51H and NF 20<sup>th</sup> specifications for Acetone.*

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Reason for revision:

Version 2a dated 7/20/06 GAT– Residue on Evaporation restated to 2mg/100ml max.

Version 4a dated 12/25/06 GAT – Specification layout revised for posting on website.

Version 5a dated 3/8/07 GAT – Changed Miscibility from “In all proportions” to “No Opalescence”

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