REAGENTS
DUKSAN

Certificate of Analysis

Acetone

[67-64-1] (CH3COCH3) FW:58.08

Product code. 530

BP Grade

TESTS	UNIT	SPECIFICATION
Characters	-	-
Appearance	-	Volatile, Clear, Colourless liquid.
Solubility	-	miscible with water, with alcohol
Identification A	-	By Relative density.
Identification B	-	-
Identification 1)	-	An intense red colour is produced
Identification 2)	-	Violet with acetic acid R.
Identification C	-	A greenish-blue colour is produced.
Appearance of solution	-	Clear and colourless solution
Acidity or Alkalinity 1)	-	Pink color with NaOH solution
Acidity or Alkalinity 2)	-	Red or Orange color with HCl solution
Relative density at 20°C	-	0.790 ~ 0.793 (at 20°C)
Related substances	-	-
Methanol	%	Max. 0.05 (v/v)
2-Propanol	%	Max. 0.05 (v/v)
Benzene	ppm	Max. 2 (v/v)
Any other impurity	%	Max. 0.05 (v/v)
Water insoluble matter	-	Solution is clear
Reducing substances	-	Mixture is not completely decolourised
Residue on evaporation	ppm	Max. 50
Water	%	Max. 0.3

Test Method : British Pharmacopoeia

Exp. Date : 3 years after Mfg. Date

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