

Acetone
AR, ACS
2.5 L



RANKEM

Material No.: A0137

Batch No.: R006C24

Manufactured Date: 03-2024

Expiration Date: 03-2029

CAS No.: 67-64-1

Molecular Formula: CH_3COCH_3

Molecular Mass: 58.08

Certificate of Analysis

Test	Specification	Result
Solubility In Water	Passes test	Passes test
Color (APHA)	≤ 10	≤ 10
Guarantee Analysis	.	.
Assay (GC) $(\text{CH}_3)_2\text{CO}$	$\geq 99.80 \%$	99.96 %
Weight Per ml (at 20°C)	0.790 - 0.791 g	0.790 g
Identity (IR)	Conforms	Conforms
Maximum Limits Of Impurities	.	.
Residue After Evaporation	$\leq 0.0005 \%$	0.0004 %
Titration Acid	$\leq 0.0003 \text{ meq/g}$	$\leq 0.0003 \text{ meq/g}$
Titration Base	$\leq 0.0006 \text{ meq/g}$	$\leq 0.0006 \text{ meq/g}$
Water (By KF)	$\leq 0.20 \%$	0.12 %
Aldehyde (As Hcho)	$\leq 0.002 \%$	$\leq 0.002 \%$
Substances Reducing Permanganate.	Passes test	Passes test
Methanol (GC)	$\leq 0.05 \%$	0.04 %
Iso Propyl Alcohol (GC)	$\leq 0.05 \%$	$\leq 0.05 \%$
Copper(Cu)	$\leq 0.01 \text{ ppm}$	$\leq 0.01 \text{ ppm}$
Cobalt (Co)	$\leq 0.05 \text{ ppm}$	$\leq 0.05 \text{ ppm}$
Iron (Fe)	$\leq 0.10 \text{ ppm}$	$\leq 0.10 \text{ ppm}$
Lead (Pb)	$\leq 0.01 \text{ ppm}$	$\leq 0.01 \text{ ppm}$
Manganese (Mn)	$\leq 0.01 \text{ ppm}$	$\leq 0.01 \text{ ppm}$
Nickel (Ni)	$\leq 0.05 \text{ ppm}$	$\leq 0.05 \text{ ppm}$
Zinc (Zn)	$\leq 0.01 \text{ ppm}$	$\leq 0.01 \text{ ppm}$

The batch complies with the laid down specification.

Appearance : Clear,colourless, liquid.

This document has been produced electronically and is valid without signature. For questions on this Certificate of Analysis please contact Technical Services via

Phone +91 (22) 41288100 or Email:Info.lab@avantorsciences.com.

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