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Product Specification

ACETYL ACETONE 99.5%AR

CAT. NO. : 010030
GRADE : AR
CAS NO. : 123-54-6
FORMULA : $\text{CH}_3\text{CO}\cdot\text{CH}_2\cdot\text{CO}\cdot\text{CH}_3$
M.W. : 100.12



Minimum assay (GC)	99.5%
Wt. per ml at 20°C	0.972-0.974 g
Refractive index n_{20}^D	1.452-1.453
Boiling range (95%)	136-140° C

Maximum limits of impurities:

Water (KF)	0.1%
Acidity (CH_3COOH)	0.05%
Non-volatile matter	0.005%
Barium (Ba)	0.00001%
Iron (Fe)	0.00001%
Magnesium (Mg)	0.00001%
Tin (Sn)	0.00001%
Zinc (Zn)	0.00001%
Heavy metals (Pb)	0.00002%
Aluminium (Al)	0.00005%
Boron (B)	0.000002%
Chromium (Cr)	0.000002%
Copper (Cu)	0.000002%
Manganese (Mn)	0.000002%
Nickel (Ni)	0.000002%

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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