



EMD Chemicals Inc.
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Name: Acetone
OmniSolv® HR-GC Grade

Formula: CH₃COCH₃

Item Number: AX0110-1, AX0110-901

Formula Wt: 58.08

Lot Number: 51012

Data Order No: 000425744

CHARACTERISTIC	REQUIREMENT		RESULTS	UNITS
	Min.	Max.		
Appearance			Clear liquid	
Assay (GC)	99.7		99.84	%
Cap. ECD responsive substances as PCNB (peak)		2	0.11	ng/L
Cap. ECD responsive substances as PCNB (total)		50	0.69	ng/L
Cap. FID responsive substances as decane (peak)		1	0.13	µg/L
Cap. FID responsive substances as decane (total)		10	0.75	µg/L
Color (APHA)		5	< 5	
Filtered through 0.2 µm filter			Passes test	
Residue after evaporation		1	< 0.5	ppm
Titration acid		0.3	0.25	µeq/g
Water (H ₂ O)		0.5	0.133	%

Gene A. Desotelle,
Quality Control Manager
Release Date: 1/14/2011

EMD Chemicals Inc.
(Formerly EM Science, A Division of EM Industries, Inc.)
An Affiliate of Merck KGaA, Darmstadt, Germany