

ANALYSIS CERTIFICATE

CODE: 141007

BATCH: 0001139424

PRODUCT: Acetone (USP, BP, Ph. Eur.) pure, pharma grade

ISSUE DATE: 30/06/2017

RETEST DATE: 06/2023

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
Minimum assay (G.C.)	99,5%	99,9%
Identity according to Pharmacopoeias:	passes test	Passes test
Density 25/25	<= 0,789	<0,789
Density 20/20	0,790-0,793	0,790
Maximum limit of impurities		
Appearance of solution	passes test	Passes test
Acidity	passes test	Passes test
Alkalinity	passes test	Passes test
Insoluble matter in H ₂ O	passes test	Passes test
Non-volatile matter	0,004 %	0,0002 %
Reducing substances to KMnO ₄	passes test	Passes test
Related substances (G.C.)		
Residual solvents (Ph.Eur/USP)	passes test	Passes test
Methanol	0,05 %	<0,05 %
2-Propanol	0,05 %	<0,05 %
Benzene	0,0002 %	<0,0002 %
Other impurities	0,05 %	<0,05 %
Ethanol (G.C.)	500 ppm	<500 ppm
Water (H ₂ O)	0,3 %	0,04 %
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)		
Class 1A (Pt, Pd)	10 ppm	<10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm	<10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm	<25 ppm
Class 2 (Cu, Mn)	250 ppm	<250 ppm
Class 3 (Fe, Zn)	1.300 ppm	<1.300 ppm

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