

ANALYSIS CERTIFICATE

CODE: 141007

BATCH: 0000951648

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

ISSUE DATE: 13/10/2016

RETEST DATE: 10/2022

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 H2O	passes test	Passes test
Non-volatile matter	0,004 %	0,0002 %
Reducing substances to KMnO4	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 (H2O)	0,3 %	0,03 %
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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