

**ANALYSIS CERTIFICATE**

**CODE: 651008**

**BATCH: 0001004545**

**PRODUCT: Acetic Acid glacial (USP, BP, Ph. Eur.) pure, pharma grade**

**ISSUE DATE: 03/01/2017**

**RETEST DATE: 12/2022**

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
Assay (Acidim.)	99,5-100,5%	99,9%
Identity according to Pharmacopoeias:	passes test	Passes test
Density 20/4	1,048-1,050	1,049
Freezing point	>= 15,6°C	16,2°C
Maximum limit of impurities		
Appearance of the substance	passes test	Passes test
Insoluble matter in H2O	passes test	Passes test
Non-volatile matter	0,005 %	0,0002 %
Reducing substances	passes test	Passes test
Oxidable easibly substances	passes test	Passes test
Chloride (Cl)	0,001%	<0,001%
Sulphate (SO4)	0,001%	<0,001%
Residual solvents (Ph.Eur/USP)	passes test	Passes test
Aldehydes (as CH3CHO)	0,05%	<0,05%
Heavy metals (as Pb)	0,0005%	<0,0005%
As	0,0001 %	<0,0001 %
Cu	0,0005 %	<0,0005 %
Fe	0,0005 %	<0,0005 %
Ni	0,0005 %	<0,0005 %
Pb	0,0005 %	<0,0005 %

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Quality Assurance Director  
Director de Garantía Calidad  
**P. Verge**

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