

ANALYSIS CERTIFICATE

CODE: 141067

BATCH: 0001039045

PRODUCT: Trichloroacetic Acid (BP, Ph. Eur.) pure, pharma grade

ISSUE DATE: 06/02/2017

RETEST DATE: 02/2020

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
Assay (Acidim.) calc. a.d.s.	99,0-100,5%	99,8%
Identity according to Pharmacopoeias:	passes test	Passes test
Maximum limit of impurities		
Appearance of solution	passes test	Passes test
Insoluble matter in H ₂ O	0,01 %	<0,01 %
Loss on drying	1,0%	Not detectable
Residue on ignition (as SO ₄)	0,05 %	0,002 %
Chloride (Cl)	0,005%	<0,005%
Sulphate (SO ₄)	0,05%	<0,05%
Nitrate (NO ₃)	0,02%	<0,02%
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

Panreac Química S.L.U.
 C/Garraf, 2
 Polígono Pla de la Bruguera
 E-08211 Castellar del Vallès
 (Barcelona) España
 Tel. (+34) 937 489 400
 Fax (+34) 937 489 401
 e-mail: info.es@itwreagents.com
www.itwreagents.com



Quality Assurance Director
 Director de Garantía Calidad
P. Verge

CODE: 141067

BATCH: 0001039045