

ANALYSIS CERTIFICATE

CODE: 141323

BATCH: 0000866789

PRODUCT: Phenol 90% aqueous solution (USP) pure, pharma grade

ISSUE DATE: 28/06/2016

RETEST DATE: 02/2018

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
Minimum assay (C ₆ H ₆ O)	89,0%	90,6%
Identity according to Pharmacopoeia:	passes test	Passes test
Destillation point	< 182,5°C	< 182,5°C
Maximum limit of impurities		
Appearance of solution and reaction	passes test	Passes test
Acidity	passes test	Passes test
Insoluble matter in H ₂ O	0,01 %	<0,01 %
Non-volatile matter	0,05 %	0,003 %
Chloride (Cl)	0,005%	<0,005%
Residual solvents (USP)	passes test	Passes test
m-Cresol (G.C.)	0,1%	<0,1%
o-Cresol (G.C.)	0,1%	<0,1%
p-Cresol (G.C.)	0,1%	<0,1%
Water (H ₂ O) (w/w)	9-11 %	9 %
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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