

ANALYSIS CERTIFICATE

CODE: **141603**

BATCH: 0002278461

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

ISSUE DATE: 17/03/2023

RETEST DATE: 03/2029

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
Assay (calc. a.d.s.)	99,0-100,5%	99,6%
Identity according to Pharmacopoeias	passes test	passes test
Melting range	109-111°C	109 - 111°C
Maximum limit of impurities		
Appearance of solution	passes test	passes test
Acidity and alkalinity	passes test	passes test
Insoluble matter in H ₂ O	0,01 %	<0,01 %
Loss on drying	1,0%	0,2%
Residue on ignition (as SO ₄)	0,05 %	<0,05 %
Residual solvents (Ph.Eur/USP)	passes test	passes test
Phenol	passes test	passes test
Ordinary impurities	0,5%	<0,5%
Pyrocatechol	passes test	passes test
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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