

Certificate of Analysis

KEMAUS

PRODUCT NAME: Copper (II) Sulphate anhydrous LAB/BP
CATALOGUE NO: KA1007
LOT NO. 16110102
DATE OF EXAMINATION: Nov-16
RETEST DATE: Nov-21

	SPECIFICATION	RESULTS
Assay (Iodom.) calc. a.d.s.	99.0-101.0%	99.9%
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	passes test	Passes test
Loss on drying at 250°C	1.0%	0.3%
Chloride (Cl)	0.015%	< 0.015%
Residual solvents (Ph.Eur.)	passes test	Passes test
Residual metals ICP: (according to EMA/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 (Zn)	1.300 ppm	< 1.300 ppm
Arsenic (As)	0.0005%	< 0.0005%
Iron (Fe)	0.015%	< 0.015%
Lead (Pb)	0.008%	< 0.008%

Physical and Chemical parameters meet the requirements of BP.

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Arun Ogale
Laboratory Manager