



CERTIFICATE OF ANALYSIS

Item Number	Z7420C	Lot Number	3HK0044
Item	Zinc Sulphate, Heptahydrate, USP,EP		
CAS Number	7446-20-0		
Molecular Formula	ZnSO ₄ ·7H ₂ O	Molecular Weight	287.56

TEST	SPECIFICATION	RESULT
ASSAY (EP)	99.0% - 104.0%	104.0%
APPEARANCE OF SOLUTION (EP)	CLEAR AND COLORLESS	CLEAR AND COLORLESS
pH (EP)	4.4 - 5.6	5.5
CHLORIDES (EP)	-- 300 ppm	< 300 ppm
IRON (EP)	-- 100 ppm	< 100 ppm
IDENTIFICATION (A) (EP)	SULFATES	PASSES TEST
IDENTIFICATION (B) (EP)	ZINC	PASSES TEST
IDENTIFICATION (C) (EP)	LIMITS OF THE ASSAY	PASSES TEST
ARSENIC (USP)	-- 14 ppm	< 14 ppm
LEAD (USP)	-- 20 ppm	< 20 ppm
ALKALIES AND ALKALINE EARTHS (USP)	-- 0.9%	< 0.9%
ACIDITY (USP)	TO PASS TEST	PASSES TEST
IDENTIFICATION (A) (USP)	ZINC	PASSES TEST
IDENTIFICATION (B) (USP)	SULFATE	PASSES TEST
ELEMENTAL IMPURITIES	AS REPORTED	COMPLIES WITH STANDARD
APPEARANCE	WHITE CRYSTALLINE POWDER OR COLORLESS CRYSTALS	WHITE CRYSTALLINE POWDER OR COLORLESS CRYSTALS
RESIDUAL SOLVENTS	TO PASS TEST	NO RESIDUAL SOLVENTS USED
MANUFACTURE DATE		16-JUL-2018
RETEST DATE		16-JUL-2021



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