

Certificate of Analysis

Zinc Sulfate, 1.180 Specific Gravity, for Concentration of Intestinal Parasites, Eggs, and Cysts

Lot Number: 1311D24

Product Number: 9650

Manufacture Date: NOV 07, 2023

Expiration Date: OCT 2025

For In Vitro Diagnostic Use. This product is suitable for the concentration and recovery of certain intestinal parasites, eggs (ova), and cysts in stool samples. This method depends on the differences in specific gravity between certain intestinal parasite larvae, eggs, and cysts, and other fecal debris. When this Zinc Sulfate solution is used, the cysts and ova float, while most of the fecal debris sinks to the bottom. This method allows recovery of helminth larvae and eggs or protozoan cysts. Schistosome and operculated helminth eggs are not recovered. Trophozoites of the protozoa are destroyed and some of the more fragile cysts may be damaged, although this is not usually serious. This method is unsuitable for fatty stools.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Zinc Sulfate Heptahydrate	7446-20-0	ACS

Test	Specification	Result
Appearance	Colorless liquid	Passed
Specific Gravity	1.170-1.180 at 25°C	1.177 at 25°C

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
9650-1	4 L natural poly	24 months
9650-16	500 mL natural poly	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Heidi J Green (11/07/2023)

Operations Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.