

CERTIFICATE OF ANALYSIS

Product Description ZINC SULFATE, HEPTAHYDRATE
Product Number Z101
Lot Number 10J0101004
Storage Temperature Room Temperature
Molecular Weight 287.54
Formula ZnSO₄•7H₂O
CAS Number 7446-20-0

Physiochemical Specifications:

| TEST | SPECIFICATION | RESULTS |
|--|--|------------------------|
| Solubility | Soluble in Water @ 10 mg/mL | Passes |
| pH | Under Development | 4.9 |
| Physical Appearance Color* Texture | PM-1 to PM-4 Crystalline Powder to Crystals | PM-4 White Crystals |
| Solution Appearance Clarity Color | Clear Colorless | Clear Colorless |
| Average Time to Dissolve | For Information Only (Within 5 min) | Passes |
| Insolubles | None | Passes |
| Purity | Minimum 99.0% | 99.3% |

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration: 8.6 mg/L

| TEST SPECIFICATION | PLANT CELL LINE | RESULTS |
|--|-----------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants | Dianthus | Passes |
| | Syngonium | Passes |

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 29-June-2023

Recommended Shelf-Life Date: June 2028



David Hart
Technical Director