

Certificate of Analysis

Foscarnet (trisodium hexahydrate)

Cat. No.: HY-W013256 CAS No.: 34156-56-4 Batch No.: 353168

Chemical Name: Phosphinecarboxylic acid, 1,1-dihydroxy-, 1-oxide, sodium salt, hydrate (1:3:6)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: CH₁₂Na₃O₁₁P Molecular Weight: 300.04

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

99.50% Assay: pH: 10.1 Individual impurity: 0.08% **Unspecified impurities:** 0.02% 0.21% **Total impurities:** Heavy metals: <10 ppm Loss on drying: 36.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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