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# Certificate of Analysis

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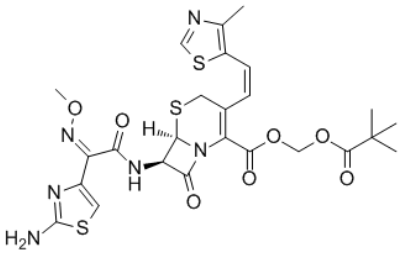
**Product Name** : Cefditoren pivoxil
**Cat. No.** : PC-45269
**CAS No.** : 117467-28-4
**Batch No.** : PC-4526901
**Chemical Name** : 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[(2Z)-2-(2-amino-4-thiazolyl)-2-(methoxyimino)acetyl]amino]-3-[(1Z)-2-(4-methyl-5-thiazolyl)ethenyl]-8-oxo-, (2,2-dimethyl-1-oxopropoxy)methyl ester, (6R,7R)-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 620.7208
**Molecular Formula** : $C_{25}H_{28}N_6O_7S_3$
**Storage** : Powder -20°C 3 years
4°C 2 years
In solvent -80°C 6 months
-20°C 1 month
**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder
**$^1$H NMR Spectrum** : Consistent with
**HPLC** : Consistent with
**NP** : Consistent with
**Purity (HPLC)** : >98%
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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