

add 200 mL of methanol.

Flow rate: Adjust the flow rate so that the retention time of cefalexin is about 7 minutes.

System suitability—

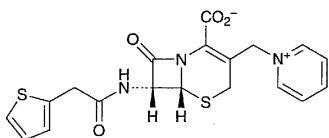
System performance: When the procedure is run with 10 μ L of the standard solution under the above operating conditions, cefalexin and the internal standard are eluted in this order with the resolution between these peaks being not less than 6.

System repeatability: When the test is repeated 5 times with 10 μ L of the standard solution under the above operating conditions, the relative standard deviation of the ratios of the peak area of cefalexin to that of the internal standard is not more than 1.0%.

Containers and storage Containers—Tight containers.

Cefaloridine

セファロリジン



$C_{19}H_{17}N_3O_4S_2$: 415.49
(6*R*,7*R*)-8-Oxo-3-(pyridinium-1-ylmethyl)-7-[(thiophen-2-yl)acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate [50-59-9]

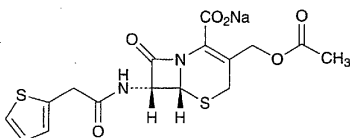
Cefaloridine conforms to the requirements of Cefaloridine in the Requirements for Antibiotic Products of Japan.

Description Cefaloridine occurs as a white to light yellowish white crystals or crystalline powder.

It is soluble in water, slightly soluble in methanol, very slightly soluble in ethanol (95), and practically insoluble in diethyl ether.

Cefalotin Sodium

セファロチンナトリウム



$C_{16}H_{15}N_2NaO_6S_2$: 418.42
Monosodium (6*R*,7*R*)-3-acetoxymethyl-8-oxo-7-[2-(thiophen-2-yl)acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate [58-71-9]

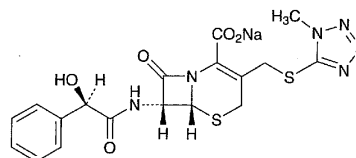
Cefalotin Sodium conforms to the requirements of Cefalotin Sodium in the Requirements for Antibiotic Products of Japan.

Description Cefalotin Sodium occurs as a white to yellowish white crystals or crystalline powder.

It is freely soluble in water, slightly soluble in methanol, very slightly soluble in ethanol (95), and practically insoluble in diethyl ether.

Cefamandole Sodium

セファマンドールナトリウム



$C_{18}H_{17}N_6NaO_5S_2$: 484.48
Monosodium (6*R*,7*R*)-7-[(2*R*)-2-hydroxy-2-phenylacetyl]amino]-3-(1-methyl-1*H*-tetrazol-5-ylsulfanylmethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate [30034-03-8]

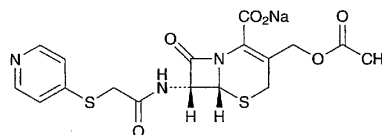
Cefamandole Sodium conforms to the requirements of Cefamandole Sodium in the Requirements for Antibiotic Products of Japan.

Description Cefamandole Sodium occurs as a white to light yellowish white crystalline powder. It has a slightly bitter taste.

It is freely soluble in water, soluble in methanol, slightly soluble in ethanol (95), and practically insoluble in diethyl ether.

Cefapirin Sodium

セファピリンナトリウム



$C_{17}H_{16}N_3NaO_6S_2$: 445.45
Monosodium (6*R*,7*R*)-3-acetoxymethyl-8-oxo-7-[2-(pyridin-4-ylsulfanyl)acetyl]amino]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate [24356-60-3]

Cefapirin Sodium contains not less than 865 μ g (potency) per mg, calculated on the anhydrous basis. The potency of Cefapirin Sodium is expressed as mass (potency) of cefapirin ($C_{17}H_{17}N_3O_6S_2$: 423.47).

Description Cefapirin Sodium occurs as a white to yellowish white powder.

It is freely soluble in water, sparingly soluble in methanol, very slightly soluble in ethanol (95), and practically insoluble in acetone.