



CERTIFICATE OF ANALYSIS

Product	Carbenicillin, disodium salt
Grade	High Purity
Product Code	CDJ469 (DJ469)
Formula	$C_{17}H_{16}N_2O_6SNa_2$
MW	422.4
CAS No.	4800-94-6
Lot No	QA109010
Retest Date	

Test Items	Specifications	Results
Appearance	White to off-white powder	
Solubility (50mg/ml in water)	Colorless to faint yellow, clear	
Identification	Sodium reaction	
Assay (Dry Base)	≥88%	
Water content	≤6.0%	
Potency	≥770ug/mg	
pH	6.5-8.0	
Clarity	Should be clear	
Benzylpenicillin sodium	≤5%	
Chromatographic purity	≥92%	
Bacterial endotoxins	≤0.05Eu/mg	
Iodine-absorbing subatances	≤ 8.0%	

Storage: 2~8°C. Keep dry. Warm to room temperature. Protect from moisture