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TECHNICAL DATA SHEET (TDS)

Product: Cefoxitin Sodium Salt

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1. Product Identification

Catalogue Number	ASA-2036
Chemical Name	Cefoxitin Sodium
CAS Number	33564-30-6
Molecular Formula	C ₁₆ H ₁₆ N ₃ NaO ₇ S ₂
Molecular Weight	449.43 g/mol
Appearance	White to off-white crystalline powder
HS Code	2941.90.00

2. Typical Specifications

Purity (HPLC)	≥ 98%
Water Content	≤ 5.0%
pH (1% solution)	4.5 – 6.5
Residue on Ignition	≤ 1.0%
Solubility	Freely soluble in water

3. Applications

- Antimicrobial susceptibility testing
- β -lactamase resistance studies
- Microbiological research
- Laboratory analytical applications

4. Storage & Stability

Store at 2–8°C. Protect from moisture and light. Keep container tightly sealed.

5. Intended Use

For laboratory research use only. Not for human or veterinary therapeutic use.