



# DESCON OXYCHEM LIMITED

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## TECHNICAL DATA SHEET

### FOODOX 35<sup>®</sup>

#### APPLICATIONS:

FOODOX conforms to purity levels specified by US Food Chemicals Codex. The product is suitable for use in all food processing applications. FOODOX 35 is also suitable for use in drinking water treatment applications e-g Disinfection, Dechlorination, Taste & Odor Control, Hydrogen Sulfide and Iron removal from potable water.

FOODOX 35 is specifically formulated for Aseptic packaging process using a bath of H<sub>2</sub>O<sub>2</sub> (Tetrapak machines)

#### SPECIFICATIONS:

PARAMETER	VALUE	REFERENCE
Appearance	Clear, colorless	Food Chemicals Codex 21 CFR 178.1005(c) 21 CFR 184.1366 (b) (US Pharmacopeia) Tetrapak
Concentration (active)	35.1 – 36.0 wt-%	
pH	2.0 ~ 4.0	
Density at 20°C (g/l)	1132 - 1135	
Stability, 16 hr at 96°C	≥ 95 wt.%	
Phosphate as PO <sub>4</sub>	≤ 50 mg/kg	
Acidity as H <sub>2</sub> SO <sub>4</sub>	≤ 300 ppm	
Chlorides	< 1.0 ppm	
Conductivity at 25°C	> 50 μS/cm	
Heavy metals (as Pb)	≤ 10 mg/kg	
Iron (Fe)	≤ 0.5 mg/kg	
Tin (Sn)	≤ 10 mg/kg	
Arsenic (As)	< 1 mg/kg	
Dry residue at 105°C	≤ 60 mg/kg	
Grades	Food grade Aseptic grade Packaging grade	

#### STORAGE & HANDLING:

Consult the Material Safety Data Sheet (MSDS) for appropriate information.