

HYDROGEN PEROXIDE 35% (Interox AG Bath)

1.0 Product Description

Interox® AG Bath aseptic packaging grade is a global brand of Solvay Interox and is specially manufactured for use in bath style aseptic packaging and other critical applications. This product has a moderate level of stabilisers in a combination that allows use at temperatures of 70°C in disinfection of web style packaging material intended for use with long shelf life food and beverage products.

2.0 Other Names

Hydroperoxide, Hydrogen dioxide, Interox AG Bath

3.0 Physical Properties

Specification	Range
General Description	Liquid
Physical Appearance	Free from physical impurities
Colour	Clear
Odour	Characteristic

4.0 Chemical Properties

Specification	Range
Peroxide Content	34.9 - 35.5% w/w
Acidity	1 - 5 milli-equivalents/litre
Stability (Loss of hydrogen peroxide after 16 hours at 96 Deg°C)	5% max
Non Volatile Matter at 105 Deg°C (ppm)	150 max

5.0 Trace elements

Specification	Range
Phosphate (as PO ₄ ³⁻ mg/kg)	100 max
Arsenic (as As mg/L)	1 max
Iron (as Fe mg/Kg)	0.1 max
Heavy Metals (total of Pb, Cu, Ag Hg, Cd, Bi) (as Pb mg/kg)	2 max
Chloride (as Cl ⁻ mg/Kg)	1 max

6.0 Shelf life and Storage Requirements

Store in cool place and out of direct sunlight. Store away from incompatible materials as listed in MSDS. Product shelf life is 12 months from date of manufacture if stored as directed, in original unopened containers. After this time product may be suitable for use – to be determined on a case by case basis.

7.0 Allergen components

No materials used in this formulation are listed as potential allergens

8.0 Packaging

Complies with all relevant regulations relating to the product.
 Supplied in 25Kg Poly, 1100kg IBC.

9.0 Approvals

Halal and Kosher Approved

10.0 Documentation Available on Request

Product Information Sheet
 Safety Data Sheet