



INTEROX[®] Electronic Grade Hydrogen Peroxide



ELECTRONIC
WET CHEMICALS



H₂O₂ Hydrogen Peroxide

Electronic Grade



ELECTRONIC
WET CHEMICALS



European Standard Sales Specification

Solvay INTEROX® Electronic Grade Hydrogen Peroxide is manufactured in Bernburg, Germany. It is tailored to the needs of the electronic industry with a focus on the wet processing steps in the manufacture of semiconductor wafers.

SEMI reference Parameter		Grade 2	Grade 3	Grade 4	Grade 5
		EG-10	EG-1	Pico	PicoPlus
Assay	% by weight	30 – 32	30 – 32	30 – 32	30 – 32
Free acid	mg/kg (ppm)	–	–	–	–
Stability	g/kg*h	4	4	4	4
TOC	mg/kg (ppm)	10	10	10	10
Chloride (Cl)	µg/kg (ppb)	200	200	30	30
Nitrate (NO ₃)		400	400	30	30
Sulfate (SO ₄)		200	200	30	30
Phosphate (PO ₄)		200	200	30	30
Aluminium (Al)	µg/kg (ppb)	10	1	0.1	0.01
Antimony (Sb)		10	1	0.1	0.01
Arsenic (As)		10	1	0.1	0.01
Barium (Ba)		10	1	0.1	0.01
Boron (B)		10	1	0.1	0.01
Cadmium (Cd)		10	1	0.1	0.01
Calcium (Ca)		10	1	0.1	0.01
Chromium (Cr)		10	1	0.1	0.01
Copper (Cu)		10	1	0.1	0.01
Iron (Fe)		10	1	0.1	0.01
Lead (Pb)		10	1	0.1	0.01
Lithium (Li)		10	1	0.1	0.01
Magnesium (Mg)		10	1	0.1	0.01
Manganese (Mn)		10	1	0.1	0.01
Nickel (Ni)		10	1	0.1	0.01
Potassium (K)		10	1	0.1	0.01
Sodium (Na)		10	1	0.1	0.01
Tin (Sn)		10	1	0.1	0.01
Titanium (Ti)		10	1	0.1	0.01
Vanadium (V)		10	1	0.1	0.01
Zinc (Zn)		10	1	0.1	0.01

Solvay offers state of the art particle measurement as per customer specification.

Storage

Solvay INTEROX® Electronic Grade Hydrogen Peroxide is delivered in 20 m³ bulk containers, IBCs or drums.

Further information

Please consult our MSDS for further information on storage, transport, and safe handling. Please visit www.solvaywetchemicals.com or contact your local supplier.

Version 3, 24. Nov. 2016

H₂O₂ Hydrogen Peroxide Packaging

		INTEROX® EG-10	INTEROX® EG-1	INTEROX® Pico	INTEROX® PicoPlus
		30–32%	30–32%	30–32%	30–32%
200 l Drum 210 kg Mauser	PE Pallet 2 drums	✓			
w or w/o dip tubes					
200 l Drum 210 kg Rikutec	PE Pallet 2 drums	✓	✓	✓	✓
w or w/o dip tubes					
1,000 l IBC 1,100 kg Mauser		✓			
w or w/o dip tubes					
1,000 l IBC 1,100 kg Rikutec		✓	✓	✓	✓
w or w/o dip tubes					
ISO TC 20 m ³ Polymer lined			✓	✓	✓

H₂O₂ Packaging Data Drums



INTEROX® EG-10

PE Drum Mauser

Height	945 mm
Diameter	578 mm
Filling volume	200 liter
Tare weight	14 kg



INTEROX® EG-10 / INTEROX® EG-1 INTEROX® Pico / INTEROX® PicoPlus

PE Drum Rikutec

Height	955 mm
Diameter	581 mm
Filling volume	200 liter
Tare weight	16.5 kg

Pallets Packaging



Two PE Drums 200 l Mauser

Filling volume	2 x 200 liter
Pallet	1,200 x 800 mm



Two PE Drums 200 l Rikutec

Filling volume	2 x 200 liter
Pallet	1,200 x 800 mm

H₂O₂ Packaging Data IBC/ISO Tank



INTEROX® EG-10

IBC Single Walled Mauser

Height	1,200 mm
Width	1,000 mm
Depth	1,151 mm
Filling volume	1,000 liter
Tare weight	65 kg



INTEROX® EG-10 / INTEROX® EG-1 INTEROX® Pico / INTEROX® PicoPlus

IBC Double Walled Rikutec

Height	1,200 mm
Width	1,000 mm
Depth	1,165 mm
Filling volume	1,000 liter
Tare weight	95 kg



INTEROX® EG-1 / INTEROX® Pico INTEROX® PicoPlus

ISO Tank
Lined with PTFE

Filling volume	20,000 liter
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Progress beyond

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