

Certificate of Analysis Example

MICROCHEMICALS

PRODUCT

Product Ref **HYDROGEN PEROXIDE 31% - VLSI Grade**
Specification Technic France - Version 10 du 28/01/2021

Prod. Unit : **8101 - LCD**

Items				Results
Assay	31,0	± 1	%	30,8
Color	< 10		APHA	3
Résidu à 110 °C	< 5		mg/kg	ND < 1
TOC	< 20		mg/kg	5
Acidity(H ₂ SO ₄ éq)	< 5		mg/kg	2
NH ₄ ⁺	< 1000		µg/kg	ND < 5
Particles(≥0,5µm)	< 250		p/ml	3

Anionic Impurities Microgram per kilogram (µg/kg or ppb)

Cl ⁻	< 500	ND < 5
NO ₃ ⁻	< 2000	11
PO ₄ ³⁻	< 500	ND < 5
SO ₄ ²⁻	< 1000	ND < 5

Cationic Impurities Microgram per kilogram (µg/kg or ppb)

Ag	< 10	< 1	Ni	< 10	< 1
Al	< 30	< 1	Pb	< 10	< 1
As	< 10	< 1	Pt	< 50	< 1
Au	< 20	< 1	Sb	< 10	< 1
B	< 20	< 1	Sn	< 20	< 1
Ba	< 10	< 1	Sr	< 10	< 1
Be	< 10	< 1	Ta	< 20	< 1
Bi	< 20	< 1	Tl	< 20	< 1
Ca	< 50	< 1	Ti	< 10	< 1
Cd	< 10	< 1	V	< 10	< 1
Co	< 10	< 1	Zn	< 20	< 1
Cr	< 10	< 1	Zr	< 10	< 1
Cu	< 10	< 1			
Fe	< 30	< 1			
Ga	< 10	< 1			
In	< 20	< 1			
K	< 20	< 1			
Li	< 10	< 1			
Mg	< 20	< 1			
Mn	< 10	< 1			
Mo	< 10	< 1			
Na	< 50	< 1			