



# CTY CP TƯ VẤN CẤP THOÁT NƯỚC & MÔI TRƯỜNG

(Water Supply, Sewerage & Environment Consultantcy JSC)

10 Phố Quang, Phường 2, Quận Tân Bình

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Số : (number) : 16 08-281/LAS-XD13

## KẾT QUẢ XÉT NGHIỆM NƯỚC

(Results of Physical, Chemical and bacterial Analysis)

- Nơi gửi (From) : Công Ty Cổ Phần Cấp Nước Bạc Liêu  
- Địa chỉ (Address) : Tp. Bạc Liêu, Phường 1, 92 Lê Duẩn  
- Vị trí lấy mẫu (Place) : Nước lọc tại bể chứa Nhà Máy Nước số 2  
- Mục đích sử dụng nguồn nước (Purpose): Ăn uống và sinh hoạt - Loại nước (Type of water) : Nước đã xử lý  
- Ngày giờ lấy mẫu : (Date of sampling): 08/082016 - Ngày xét nghiệm (Date of Testing) : 09/082016

Yếu tố xét nghiệm (Items)	Kết quả (Result)	Qui chuẩn giới hạn (Limited Standard)	Phương pháp thử (Test Method)
Antimon (Sb) (mg/l)	KPH	0.005	SMEWW 3030 E:2012 SMEWW 3113 B:2012
Bari (Ba) (mg/l)	KPH	0,7	SMEWW 3030 E:2012 SMEWW 3113 B:2012
Bo (B) (mg/l)	KPH	0,3	SMEWW 4500-BB:2012
Cadimi (Cd) (mg/l)	KPH	0,003	SMEWW 3030 E:2012 SMEWW 3113 B:2012
Crôm (Cr) (mg/l)	KPH	0,05	SMEWW 3030 E:2012 SMEWW 3111 B:2012
Đồng (Cu) (*) (mg/l)	KPH	1	SMEWW 3030 E:2012 SMEWW 3111 B:2012
Cyanid (CN) (mg/l)	KPH	0,07	TCVN 6181:1996
Molybden (Mo) (mg/l)	KPH	0,07	SMEWW 3030 E:2012 SMEWW 3113 B:2012
Niken (Ni) (mg/l)	KPH	0,02	SMEWW 3030 E:2012 SMEWW 3111 B:2012
Selen (Se) (mg/l)	KPH	0,01	SMEWW 3030 E:2012 SMEWW 3113 B:2012
Kẽm (Zn) (mg/l)	KPH	3	SMEWW 3030 E:2012 SMEWW 3111 B:2012
Cacbonetraclorua (µg/l)	KPH	2	Ref.EPA 5021A (GCMS)
Diclorometan (µg/l)	KPH	20	Ref.EPA 5021A (GCMS)
1,2 Dicloroetan (µg/l)	KPH	30	Ref.EPA 5021A (GCMS)
1,1,1 - Tricloroetan (µg/l)	KPH	2000	Ref.EPA 5021A (GCMS)
Vinyl clorua (µg/l)	KPH	5	Ref.EPA 5021A (GCMS)
1,2 Dicloroeten (µg/l)	KPH	50	Ref.EPA 5021A (GCMS)



Yếu tố xét nghiệm (Items)	Kết quả (Result)	Qui chuẩn giới hạn (Limited Standard)	Phương pháp thử (Test Method)
Tricloroeten ( $\mu\text{g/l}$ )	KPH	70	Ref.EPA 5021A (GCMS)
Tetracloroeten ( $\mu\text{g/l}$ )	KPH	40	Ref.EPA 5021A (GCMS)
Toluen ( $\mu\text{g/l}$ )	KPH	700	Ref.EPA 5021A (GCMS)
Xylen ( $\mu\text{g/l}$ )	KPH	500	Ref.EPA 5021A (GCMS)
Ethylbenzen ( $\mu\text{g/l}$ )	KPH	300	Ref.EPA 5021A (GCMS)
Styren ( $\mu\text{g/l}$ )	KPH	20	Ref.EPA 5021A (GCMS)
1,2 Diclorobenzen ( $\mu\text{g/l}$ )	KPH	1000	Ref.EPA 5021A (GCMS)
1,4 Diclorobenzen ( $\mu\text{g/l}$ )	KPH	300	Ref.EPA 5021A (GCMS)
Triclorobenzen ( $\mu\text{g/l}$ )	KPH	20	Ref.EPA 5021A (GCMS)
Di(2-etylhexyl)adipate ( $\mu\text{g/l}$ )	KPH	80	Ref.EPA 5021A (GCMS)
Di(2-etylhexyl)phtalat ( $\mu\text{g/l}$ )	KPH	8	Ref.EPA 5021A (GCMS)
Acrylamide ( $\mu\text{g/l}$ )	KPH	0,5	Ref.AOAC Euro Cyprus(LCMS/MS)
Epiclohydrin ( $\mu\text{g/l}$ )	KPH	0,4	Ref.EPA 5021A (GCMS)
Hexacloro butadien ( $\mu\text{g/l}$ )	KPH	0,6	Ref.EPA 5021A (GCMS)
Alachlor ( $\mu\text{g/l}$ )	KPH	20	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Aldicarb ( $\mu\text{g/l}$ )	KPH	10	Ref.AOAC 991.06 (LCMS/MS)
Aldrin/Dieldrin ( $\mu\text{g/l}$ )	KPH	0,03	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Atrazine ( $\mu\text{g/l}$ )	KPH	2	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Bentazone ( $\mu\text{g/l}$ )	KPH	30	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Carbofuran ( $\mu\text{g/l}$ )	KPH	5	Ref.AOAC 991.06 (GCMS/MS)
Clodane ( $\mu\text{g/l}$ )	KPH	0,2	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Clorotoluron ( $\mu\text{g/l}$ )	KPH	30	Ref.US EPA Method 300.0 IC, KTSK 64/IC
DDT ( $\mu\text{g/l}$ )	KPH	2	Ref.US EPA Method 300.0 IC, KTSK 64/IC
1,2 Dibromo-3 cloropropan ( $\mu\text{g/l}$ )	KPH	1	Ref.EPA 5021A (GCMS)

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Yếu tố xét nghiệm (Items)	Kết quả (Result)	Qui chuẩn giới hạn (Limited Standard)	Phương pháp thử (Test Method)	
2,4 -D	( $\mu\text{g/l}$ )	KPH	30	Ref.AOAC 992.32 (HPLC/UV)
1,2 - Dicloropropan	( $\mu\text{g/l}$ )	KPH	20	Ref.EPA 5021A (GCMS)
1,3 - Dicloropropen	( $\mu\text{g/l}$ )	KPH	20	Ref.EPA 5021A (GCMS)
Heptaclo và heptaclo epoxit	( $\mu\text{g/l}$ )	KPH	0,03	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Hexaclorobenzen	( $\mu\text{g/l}$ )	KPH	1	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Isoproturon	( $\mu\text{g/l}$ )	KPH	9	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Lindane	( $\mu\text{g/l}$ )	KPH	2	Ref.US EPA Method 300.0 IC, KTSK 64/IC
MCPA	( $\mu\text{g/l}$ )	KPH	2	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Methoxyclo	( $\mu\text{g/l}$ )	KPH	20	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Methaclo	( $\mu\text{g/l}$ )	KPH	10	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Molinate	( $\mu\text{g/l}$ )	KPH	6	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Pendimetalin	( $\mu\text{g/l}$ )	KPH	20	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Pentaclorophenol	( $\mu\text{g/l}$ )	KPH	9	KTSK 21 (GCMS)
Permethrin	( $\mu\text{g/l}$ )	KPH	20	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Propanil	( $\mu\text{g/l}$ )	KPH	20	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Simazine	( $\mu\text{g/l}$ )	KPH	20	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Trifuralin	( $\mu\text{g/l}$ )	KPH	20	Ref.US EPA Method 300.0 IC, KTSK 64/IC
2,4 DB	( $\mu\text{g/l}$ )	KPH	90	Ref.AOAC 992.32 (HPLC/UV)
Dichloprop	( $\mu\text{g/l}$ )	KPH	100	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Fenoprop	( $\mu\text{g/l}$ )	KPH	9	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Mecoprop	( $\mu\text{g/l}$ )	KPH	10	Ref.US EPA Method 300.0 IC, KTSK 64/IC
2,4,5 - T	( $\mu\text{g/l}$ )	KPH	9	Ref.AOAC 992.32 (HPLC/UV)
Bromat (*)	( $\mu\text{g/l}$ )	KPH	25	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Clorit (*)	( $\mu\text{g/l}$ )	KPH	200	Ref.US EPA Method 300.0 IC, KTSK 64/IC
2,4,6 Triclorophenol	( $\mu\text{g/l}$ )	KPH	200	KTSK 21 (GCMS)
Focmaldehyt	( $\mu\text{g/l}$ )	KPH	900	Ref.AOAC 931.08 (2011)

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Yếu tố xét nghiệm (Items)	Kết quả (Result)	Qui chuẩn giới hạn (Limited Standard)	Phương pháp thử (Test Method)
Bromofoc ( $\mu\text{g/l}$ )	KPH	100	Ref.EPA 5021A (GCMS)
Dibromoclorometan ( $\mu\text{g/l}$ )	KPH	100	Ref.EPA 5021A (GCMS)
Bromodiclorometan ( $\mu\text{g/l}$ )	KPH	60	Ref.EPA 5021A (GCMS)
Clorofoc ( $\mu\text{g/l}$ )	KPH	200	Ref.EPA 5021A (GCMS)
Axit dicloroaxetic ( $\mu\text{g/l}$ )	KPH	50	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Axit tricloroaxetic ( $\mu\text{g/l}$ )	KPH	100	Ref.US EPA Method 300.0 IC, KTSK 64/IC
Cloral hydrat (tricloroaxetaldehyt) ( $\mu\text{g/l}$ )	KPH	10	Ref.EPA 5021A (GCMS)
Dicloroaxetonitril ( $\mu\text{g/l}$ )	KPH	90	Ref.EPA 5021A (GCMS)
Dibromoaxetonitril ( $\mu\text{g/l}$ )	KPH	100	Ref.EPA 5021A (GCMS)
Tricloroaxetonitril ( $\mu\text{g/l}$ )	KPH	1	Ref.EPA 5021A (GCMS)
Xyano clorit (tính theo CN <sup>-</sup> ) ( $\mu\text{g/l}$ )	KPH	70	TCVN 6181:1996

- **Ghi chú** : Kết quả chỉ có giá trị trên mẫu thử. (The result is only valuable on the actual sample)
  - SMEWW : Standard Method for The Examination of Water And WasteWater (APHA)
  - Tiêu chuẩn chất lượng nước ăn uống (Drinking Water Quality Standard): theo Qui chuẩn Kỹ thuật Quốc gia về chất lượng nước ăn uống QCVN 01:2009/BYT ngày 17/06/2009 – Bộ Y Tế. (National Technical Regulation on Drinking Water Quality of Health Ministry QCVN 01:2009/BYT)
  - KPH : Không phát hiện (Not detected)
- Nhận xét và kết luận : Mẫu nước đạt tiêu chuẩn theo tiêu chuẩn nước ăn uống và sinh hoạt.



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PHÓ GIÁM ĐỐC  
Đoàn Ngọc Công Chính

Ngày 19 Tháng 08 năm 2016  
Phòng Thí Nghiệm  
(Laboratory)



Ks. Ngô Trọng Quốc

