Confederación Hidrográfica del Guadiana	Gestión de laboratorios	Informes	Report: R030412
Fecha: 02-02-2016	Resultados de análisis por punto de control		Página: 1

Código: GN00000792 **Nombre del punto:** RIO GUADAJIRA - EMBALSE DE VILLALBA DE LOS BARROS **Cauce:** RIO GUADAJIRA
Código de la masa de agua: 400024 **Nombre de la masa de agua:** EMBALSE DE VILLALBA DE LOS BARROS
Localidad: Fuente del Maestre **Provincia:** Badajoz **UTM X:** 194895 **UTM Y:** 4276161 **Huso:** 30

		ENERO 26-01-2015	FEBRERO 17-02-2015	MARZO 02-03-2015	ABRIL 15-04-2015	MAYO 11-05-2015	JUNIO 23-06-2015	JULIO 07-07-2015	AGOSTO 17-08-2015	SEPTIEMBRE 01-09-2015	OCTUBRE 15-10-2015	NOVIEMBRE 16-11-2015	DICIEMBRE 21-12-2015
% Oxígeno (in situ)	% SAT	103,7	---	115,0	---	119,2	100,6	109,1	---	---	106,7	104,6	71,2
Cloro residual total (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Color aparente (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Conductividad a 20 ºC (in situ)	µS/cm	427	---	426	---	453	430	434	---	---	462	448	455
Nitritos (in situ)	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Olor (in situ)	-----	---	---	---	---	---	---	---	---	---	---	---	---
Oxígeno disuelto (in situ)	mg/L	10,3	---	11,7	---	9,0	7,9	8	---	---	8,9	9,5	7,3
pH (in situ)	pH	7,8	---	8,0	---	8,1	8	8,1	---	---	8,2	7,6	7,6
Temperatura del agua "in situ" (in situ)	ºC	13,2	---	13,5	---	27,7	25,2	29,8	---	---	22,5	18,1	13,3
Acenafteno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Agentes tensoactivos (aniónicos)	mg/L	---	---	---	< 0,1	---	---	---	---	---	---	---	---
a-hch	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Alaclor	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Alcalinidad total	mg/L	163,0	164,6	159,6	168,1	162,1	147,1	145,9	158,4	158,5	160,2	163,1	164,8
Aldrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Aluminio	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000
Ametrin	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Amonio total	mg/L	< 0,05	0,06	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	< 0,05	0,19
Antraceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Arsénico	µg/L	3,631	3,135	2,935	2,894	3,346	4,062	2,785	5,143	5,169	5,283	4,239	5,483
Aspecto	-----	1	1	1	1	1	1	1	1	1	1	1	1
Atraton	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
atrazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Bario	mg/L	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500
Benceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
Benzo(a)Antraceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---

Código: GN00000792 **Nombre del punto:** RIO GUADAJIRA - EMBALSE DE VILLALBA DE LOS BARROS **Cauce:** RIO GUADAJIRA
Código de la masa de agua: 400024 **Nombre de la masa de agua:** EMBALSE DE VILLALBA DE LOS BARROS
Localidad: Fuente del Maestre **Provincia:** Badajoz **UTM X:** 194895 **UTM Y:** 4276161 **Huso:** 30

		ENERO 26-01-2015	FEBRERO 17-02-2015	MARZO 02-03-2015	ABRIL 15-04-2015	MAYO 11-05-2015	JUNIO 23-06-2015	JULIO 07-07-2015	AGOSTO 17-08-2015	SEPTIEMBRE 01-09-2015	OCTUBRE 15-10-2015	NOVIEMBRE 16-11-2015	DICIEMBRE 21-12-2015
Benzo(a,h)Antraceno (Dibenzo(a,h)antraceno)	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Benzo(a)Pireno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Benzo(b)Fluoranteno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Benzo(g,h,l)Perileno	µg/L	---	---	---	< 0,040	---	---	---	---	---	---	---	---
Benzo(k)Fluoranteno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
b-hch	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Bicarbonatos	mg/L	163,0	164,6	154,2	156,2	147,1	132,7	135,6	158,4	147,1	149,3	163,1	164,8
Boro	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000
Bromodiclorometano	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
Bromoformo	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
Cadmio	µg/L	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100	< 0,100
Calcio	mg/L	39,6900	38,5600	44,0800	43,5900	41,1800	31,9800	31,5200	36,3500	32,7600	35,5400	37,6000	37,8000
Carbonatos	mg/L	< 0,1	< 0,1	5,4	11,9	15,0	14,4	10,3	< 0,1	11,4	10,9	< 0,1	< 0,1
Cianuro Total	mg/L	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010	< 0,010
Cinc	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000
Clorfenvinfos	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Clorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
Cloroformo	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Clorpirifos	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Cloruros	mg/L	27,4	26,3	26,0	29,3	29,5	30,4	33,0	32,5	33,0	33,4	32,4	35,7
Cobalto	mg/L	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500
Cobre	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000
Color	mg/L	7,2	7,7	8,0	7,2	7,5	7,0	6,4	6,5	6,9	5,9	8,2	8,4
Conductividad a 20 ºC	µS/cm	405	410	405	404	407	390	398	401	406	416	408	430
Cromo	µg/L	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000	< 5,000
Cryseno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
D.B.O. 5d	mg/L	2,1	1,2	2,7	2,0	0,7	1,2	1,0	2,3	0,8	1,7	4,7	1,1
Desetilatrazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---

Código: GN00000792 **Nombre del punto:** RIO GUADAJIRA - EMBALSE DE VILLALBA DE LOS BARROS **Cauce:** RIO GUADAJIRA
Código de la masa de agua: 400024 **Nombre de la masa de agua:** EMBALSE DE VILLALBA DE LOS BARROS
Localidad: Fuente del Maestre **Provincia:** Badajoz **UTM X:** 194895 **UTM Y:** 4276161 **Huso:** 30

		ENERO 26-01-2015	FEBRERO 17-02-2015	MARZO 02-03-2015	ABRIL 15-04-2015	MAYO 11-05-2015	JUNIO 23-06-2015	JULIO 07-07-2015	AGOSTO 17-08-2015	SEPTIEMBRE 01-09-2015	OCTUBRE 15-10-2015	NOVIEMBRE 16-11-2015	DICIEMBRE 21-12-2015
Desisopropilatrazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
d-hch	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Diazinon	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Dibromoclorometano	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Diclorometano	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Dieldrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Diuron	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
D.Q.O. 10min (Índice de Permanganato)	mg/L	5,3	4,0	4,3	4,7	4,2	5,4	4,9	5,6	3,3	4,6	9,8	3,9
D.Q.O. 2h	mg/L	---	---	---	< 20	---	---	---	---	---	---	---	---
Dureza total	mg/L	158,8	154,7	177,7	171,5	166,6	139,3	137,6	161,7	144,9	154,4	161,5	160,9
Endosulfán I	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Endosulfán II	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Endosulfán Sulfato	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Endrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Endrín Aldehido	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Estaño	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000
Estireno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
Estroncio	mg/L	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000	< 0,5000
Etilbenceno	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Etil-Paratión	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Fenantreno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Fenoles	mg/L	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050	< 0,050
Fluoranteno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Fluoreno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Fluoruros	mg/L	0,21	0,22	0,21	0,21	0,21	0,20	0,22	0,23	0,23	0,23	0,19	0,23
Fosfatos	mg/L	< 0,05	< 0,05	0,23	< 0,05	< 0,05	< 0,05	< 0,05	0,37	< 0,05	0,06	< 0,05	0,05
Fósforo total	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000
Glifosato	µg/L	---	---	---	< 0,050	---	---	---	---	---	---	---	---

Código: GN00000792 **Nombre del punto:** RIO GUADAJIRA - EMBALSE DE VILLALBA DE LOS BARROS **Cauce:** RIO GUADAJIRA
Código de la masa de agua: 400024 **Nombre de la masa de agua:** EMBALSE DE VILLALBA DE LOS BARROS
Localidad: Fuente del Maestre **Provincia:** Badajoz **UTM X:** 194895 **UTM Y:** 4276161 **Huso:** 30

		ENERO 26-01-2015	FEBRERO 17-02-2015	MARZO 02-03-2015	ABRIL 15-04-2015	MAYO 11-05-2015	JUNIO 23-06-2015	JULIO 07-07-2015	AGOSTO 17-08-2015	SEPTIEMBRE 01-09-2015	OCTUBRE 15-10-2015	NOVIEMBRE 16-11-2015	DICIEMBRE 21-12-2015
Heptacloro	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Heptacloro epóxido	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Hexaclorobenceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Hexaclorobutadieno	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Hidróxidos	mg/L	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1	< 0,1
Hierro	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000
Imazalil	µg/L	---	---	---	< 0,050	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)Pireno	µg/L	---	---	---	< 0,050	---	---	---	---	---	---	---	---
Investigación de Salmonella sp.	-----	---	---	---	Salmonella no Detect	---	---	---	---	---	---	---	---
Isodrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Isoproturon	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Lindano (g-HCH)	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Magnesio	mg/L	14,4700	14,1400	16,3900	15,1800	15,4500	14,4000	14,2800	17,1800	15,2900	15,9100	16,3800	16,1200
Malatión	µg/L	---	---	---	< 0,050	---	---	---	---	---	---	---	---
Manganeso	mg/L	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	< 0,1000	0,1269
MCPA	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Mercurio	mg/L	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050	< 0,000050
Metil Paratión	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Metilclorpirifos	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Metolaclor	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Molinate	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
m,p-xileno	µg/L	---	---	---	< 2,00	---	---	---	---	---	---	---	---
MTBE	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Naftaleno	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Níquel	mg/L	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500	< 0,0500
Nitratos	mg/L	1,9	1,8	1,4	1,4	< 1,0	< 1,0	< 1,0	< 1,0	< 1,0	< 1,0	< 1,0	< 1,0
Olor	-----	---	---	---	0	---	---	---	---	---	---	---	---

Código: GN00000792 **Nombre del punto:** RIO GUADAJIRA - EMBALSE DE VILLALBA DE LOS BARROS **Cauce:** RIO GUADAJIRA
Código de la masa de agua: 400024 **Nombre de la masa de agua:** EMBALSE DE VILLALBA DE LOS BARROS
Localidad: Fuente del Maestre **Provincia:** Badajoz **UTM X:** 194895 **UTM Y:** 4276161 **Huso:** 30

		ENERO 26-01-2015	FEBRERO 17-02-2015	MARZO 02-03-2015	ABRIL 15-04-2015	MAYO 11-05-2015	JUNIO 23-06-2015	JULIO 07-07-2015	AGOSTO 17-08-2015	SEPTIEMBRE 01-09-2015	OCTUBRE 15-10-2015	NOVIEMBRE 16-11-2015	DICIEMBRE 21-12-2015
Oxifluorfen	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Oxígeno disuelto	mg/L	11,4	10,3	11,4	10,4	8,4	8,0	8,4	9,6	8,1	10,2	9,3	8,9
o-xileno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
PCB 101	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PCB 118	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PCB 138	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PCB 153	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PCB 180	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PCB 28	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PCB 52	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Pentaclorobenceno	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
pH	pH	8,2	8,3	8,4	8,6	8,6	8,5	8,7	8,1	8,3	8,3	8,2	8,0
Pireno	µg/L	---	---	---	< 0,010	---	---	---	---	---	---	---	---
Plomo	µg/L	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000	< 1,000
Potasio	mg/L	5,7580	5,5090	6,2010	6,0500	6,2060	6,3820	6,2170	6,6770	6,3580	6,6310	6,4990	6,1940
PP-DDD (4,4-DDD)	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PP-DDE (4,4-DDE)	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
PP-DDT (4,4-DDT)	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Prometon	µg/L	---	---	---	< 0,050	---	---	---	---	---	---	---	---
Prometrin	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Propazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Recuento de Coliformes fecales	UFC/100	---	---	---	< 10	---	---	---	---	---	---	---	---
Recuento de Coliformes totales	UFC/100	190	70	100	1070	5400	67000	2800	34000	3800	2700	---	---
Recuento de Estreptococos fecales	UFC/100	---	---	---	< 10	---	---	---	---	---	---	---	---
Selenio	µg/L	< 2,000	< 2,000	< 2,000	< 2,000	< 2,000	< 2,000	< 2,000	< 2,000	< 2,000	< 1,000	< 1,000	< 1,000
Sílice	mg/L	3,1030	1,3830	< 0,8560	< 0,8560	1,1130	< 0,8560	< 0,8560	< 0,8560	< 0,8560	< 0,8560	< 0,8560	1,4560
Simazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---

Código: GN00000792 **Nombre del punto:** RIO GUADAJIRA - EMBALSE DE VILLALBA DE LOS BARROS **Cauce:** RIO GUADAJIRA
Código de la masa de agua: 400024 **Nombre de la masa de agua:** EMBALSE DE VILLALBA DE LOS BARROS
Localidad: Fuente del Maestre **Provincia:** Badajoz **UTM X:** 194895 **UTM Y:** 4276161 **Huso:** 30

		ENERO 26-01-2015	FEBRERO 17-02-2015	MARZO 02-03-2015	ABRIL 15-04-2015	MAYO 11-05-2015	JUNIO 23-06-2015	JULIO 07-07-2015	AGOSTO 17-08-2015	SEPTIEMBRE 01-09-2015	OCTUBRE 15-10-2015	NOVIEMBRE 16-11-2015	DICIEMBRE 21-12-2015
Simetrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Sodio	mg/L	24,6400	23,4900	25,7700	25,9500	26,1800	26,0100	25,2000	29,1600	26,9900	26,5800	27,0400	24,4900
Sólidos en Suspensión	mg/L	< 10	< 10	< 10	< 10	< 10	26	< 10	< 10	< 10	< 10	< 10	< 10
Sulfatos	mg/L	24,5	22,6	24,5	27,5	27,2	25,3	26,8	27,7	27,5	27,0	26,9	28,2
Terbutilazina	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Terbutrín	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
Tetracloroetileno (Percloroetileno)	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Tetracloruro de Carbono	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Tolueno	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Tricloroetileno	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
Trifluralín	µg/L	---	---	---	< 0,020	---	---	---	---	---	---	---	---
1,1,1-tricloroetano	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
1,2-diclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
1,2-Dicloroetano	µg/L	---	---	---	< 2,50	---	---	---	---	---	---	---	---
1,2,3-triclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
1,2,4-triclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
1,3-diclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
1,3,5-triclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---
1,4-diclorobenceno	µg/L	---	---	---	< 1,00	---	---	---	---	---	---	---	---