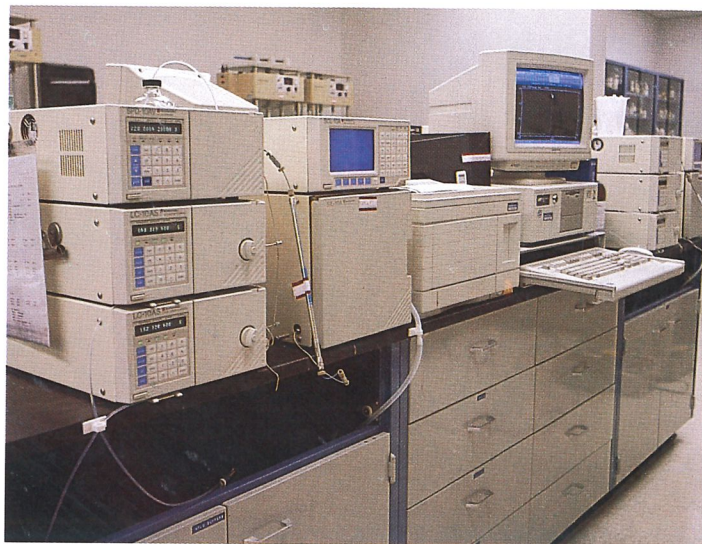


Stabilities of drugs repackaged in Baxa Exacta-Med® Oral Dispensers and Kwik-Vials™ have been tested by independent laboratories, using the latest high-tech methods and instrumentation such as high pressure liquid chromatography (HPLC).

Having committed 18 years to coordinating extensive drug stability studies, we're the **only** company to make this kind of investment on your behalf. It is our intention to provide you with stabilities for a long list of drugs, from Acetaminophen to Zantac®.

These studies are always accessible to you upon request. Having this information at your disposal allows for larger batch preparations of filled containers while assuring you that the drug is stable at the time of patient administration.

Please request our Technical Information Reports No. 7 and No. 10 for summaries of additional USP and performance tests.


STABILITIES OF DRUGS IN EXACTA-MED ORAL DISPENSERS

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	SYRINGE COLOR	DAYS STABLE AT ROOM TEMPERATURE	
				CONTINUOUS LIGHT	DARK
Acetaminophen	Tylenol	24	clear	—	75
		33.3	amber	181	279
	33.3	clear	181	279	
Albuterol	Anacin 3	32	clear	120	157
		5	amber	225	368
	Ventolin	5	clear	212	368
		.042%	clear	—	18mths
		.083%	clear	—	18mths
Albuterol/atropine	Proventil-inhalation	.1%in cromylyn	clear	—	19mths
		1/0.33	amber	13wks	—
		1/0.33	clear	13wks	—
	customer	.1%in NaCl	clear	—	224
		clear	clear	35	—
Albuterol/cromolyn	customer	0.83/0.033	clear	23	—
Albuterol/dexamethasone	customer	0.83/0.067/0.67	clear	23	—
Albuterol in dexamethasone/intal	customer	0.83/0.067/0.33	clear	—	—
Albuterol in dexamethasone/atropine	customer	0.83/0.067/0.33	clear	—	—
Albuterol in dexamethasone/epinephrine	customer	—	clear	—	—
Amoxicillin	Augmentin	25	clear	4	—
		50	clear	3	—
		25	clear	—	90
Amoxicillin	Larotid	25	clear	—	90
		50	amber	36	79-refrig
		50	clear	109	17
Ampicillin	Principen	50	clear	—	79-refrig
		25	amber	—	30
		—	—	—	—

— No samples were prepared for this storage condition.

CAUTION:

Stability data are for drugs stored in Baxa Exacta-Med Dispensers. Due to variations in materials and design, data are not valid for other syringes.

TECHNICAL APPENDIX
STABILITIES OF DRUGS IN EXACTA-MED ORAL DISPENSERS

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	SYRINGE COLOR	DAYS STABLE AT ROOM TEMPERATURE	
				CONTINUOUS LIGHT	DARK
Aminophylline	URL	21	clear	70	276
Antacid**	store brand		clear		
Al(OH) ₃		40		271	—
MG(OH) ₂		40		271	—
simethicone		4		271	—
Betamethasone	Celestone	3	clear	—	48
Betamethasone acetate	Celestone	3	clear	—	48
Caffeine(citrate)	Baxa lab	5	amber	153	153
		5	clear	153	74
		5		—	153-refrig
Calcium gluconate	Lyphomed	94	amber	207	48
		94	clear	207	89
		94	clear	—	207-refrig
Carbamazepine	Tegretol	20	amber	15mths+	12mths
		20	clear	12mths	13m-refrig
		20	clear	12mths	15mths+
		20	clear	12mths	13m-refrig
Cefaclor	Ceclor	50	amber	—	34-refrig
Cephalexin	Keflex	25	clear	—	90
Cephadrine	Biocraft	50	amber	8	pending
		50	clear	8	93-refrig
Choral hydrate	Noctec	100	amber	15mths	15mths
		100	clear	12mths	12mths
Chlorpheniramine	NovahistDH*	0.40	clear	—	10mths
Chlorpromazine	Thorazine	2	amber	90	<58
		2	clear	<37	359
		100	amber	5.5mths	21mths
		100	clear	28	84
	Intensol	100	amber	4-13mths	13mths
		100	clear	49	13mths
Chlorothiazide	Diuril	50	amber	—	381
		50	clear	—	384
Cimetidine	Tagamet	60	clear	—	180
Cocaine	Lilly/saline	5%	amber	15mths	15mths
		5%	clear	12mths	15mths
	(with epinephrine)	10%	amber	8mths+3dark	11mths
	(in TAC soln)	10%	clear	8mths+3dark	141
		5%	clear	154	154
		10%	clear	154	154
Codeine Phosph.	NovahisDH*	2	clear	—	10mths
Cyclosporin	Sandimmune	100	clear	28	28
Dexamethasone	Decadron	0.10	amber	—	388
Diatrizoate	MD-Gastroview	660	amber	—	59
meglumine		660	clear	30	30
Diatrizoic acid	MD-Gastroview	597	amber	—	270
		597	clear	270	361
Dicloxacillin	Dynapen	12.5	clear	45	17
Dicyclomine	Bentyl	2	amber	19mths	358
		2	clear	19mths	19mths
Diphenhydramine	Benadryl	2.5	clear	90	180
Digoxin	Lanoxin	0.05	amber	364	120
		0.05	clear	364	—
Diphenoxylate	Lomotil	0.5	amber	69	—

— No samples were prepared for this storage condition.

* Generic as component of brand name drug.

** Equivalent to Maalox Plus, Gelusil, and Mylanta; similar to other formulations.

CAUTION:

Stability data are for drugs stored in Baxa Exacta-Med Dispensers. Due to variations in materials and design, data are not valid for other syringes.

TECHNICAL APPENDIX
STABILITIES OF DRUGS IN EXACTA-MED ORAL DISPENSERS

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	SYRINGE COLOR	DAYS STABLE AT ROOM TEMPERATURE	
				CONTINUOUS LIGHT	DARK
Docusate Na	Colace	10	amber	304	15mths
		10	clear	376	18mths
Doxepin HCl	PBI	10	amber	87	—
		10	clear	87	—
Epinephrine (oxidizes=color change)	(in TAC soln)	0.2%	clear	90	154
Erythromycin estolate	Ilosone	25	amber	36	28
		25	amber	—	56-refrig
		25	clear	56	36
		25	clear	—	36-refrig
Erythromycin ethylsuccinate	Eryped	40	amber	175	—
		40	amber	—	175-refrig
		40	clear	119	175
		40	clear	—	175-refrig
Erythromycin ethylsuccinate	Pediazole	40	amber	54	54
		40	amber	—	62-refrig
		40	clear	21	54
		40	clear	—	54-refrig
Ferrous Sulfate	Fer-In-Sol	3.6	amber	15mths	368
		3.6	clear	—	210
Fluphenazine	Prolixin	0.5	amber	—	90
Folic Acid	Folvite	0.5	clear	38	—
		0.05	amber	31	31
Furosemide	Lasix	0.05	clear	31	—
		10	amber	—	180
Glubionate Ca	Neo-Calglucon	10	clear	—	5mths
		360	amber	359	15mths
Guaifenesin	Quibron*	360	clear	359	—
		6	amber	12mths	12mths
Haloperidol	Haldol	6	clear	15mths	15mths
		2	amber	253	—
Hydrocodone	Ru-tuss*	2	clear	253	373
		10	clear	—	90
Hydroxyzine	Vistaril	5	clear	—	90
		2	amber	12mths	15mths
Ibuprofen	Pediaprofen	2	clear	16mths	12mths+
		20	amber	315	15-refrig
Iodine	MD-Gastroview	20	clear	247	315
		367	amber	—	140
Loperamide HCl	Imodium-AD	367	clear	270	59
		0.2	amber	18mths	30
Loxipine HCl	Loxitane	0.2	clear	291	—
		25	amber	15mths	243
Magnesium sulfate	Lyphomed	500	amber	8mths	15mths
		500	amber	8mths	8mths
		500	clear	8mths	8mths
		500	clear	8mths-refrig	8mths
Meperidine	Demerol	10	amber	15mths	12mths
		10	clear	12mths	15mths
Metoclopramide	Reglan	1	clear	186	238
Metaproterenol	Alupent	2	amber	303	310
		2	clear	182	237
		50	amber	42	—

—No samples were prepared for this storage condition.

* Generic as component of brand name drug.

CAUTION:

Stability data are for drugs stored in Baxa Exacta-Med Dispensers. Due to variations in materials and design, data are not valid for other syringes.

TECHNICAL APPENDIX
STABILITIES OF DRUGS IN EXACTA-MED ORAL DISPENSERS

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	SYRINGE COLOR	DAYS STABLE AT ROOM TEMPERATURE	
				CONTINUOUS LIGHT	DARK
Metaproterenol (con't.)	(inhalation)	50	clear	63	—
		0.4%	clear	—	18mths
		0.6%	clear	—	22mths
Methadone		2	amber	15mths	65
		2	clear	65	15mths
Methyl dopa	Aldomet	50	amber	371	371
Molindone HCl	Moban	20	amber	372	—
		20	clear	248	372
Morphine HCl	M.O.S.	1	amber	15	15
			clear	—	<21
Morphine Sulf.	Roxane	2	amber	242	238
Multi-vitamins Ascorbic Acid(C)	Theragran* ViDaylin	40	clear	—	58
		35	clear	<56	—
		35	clear	<63-refrig	—
Cyanocobalamine (B12)	Gevraban Vi-Daylin	.00003	clear	—	90
		.0015	amber	15	—
		.0015	clear	—	22
		.0015	clear	—	15-refrig
Niacinamide	Gevraban Theragran* ViDaylin	1.7	clear	—	90
		20	clear	93	—
		8	clear	56	63-refrig
Pyridoxine(B6)	Gevraban Theragran* ViDaylin	0.82	clear	—	310
		0.4	clear	30	—
		2	clear	56	—
Riboflavin Thiamine(B1)	Theragran* Theragran* Vi-Daylin*	20	clear	—	58
		0.5	amber	86	58
		0.5	clear	15	—
Vitamin A	Vi-Daylin	0.5	clear	<56	22
		1500IU	—	—	63-refrig
		1500IU	amber	15	—
		1500IU	clear	<56	22
Vitamin D	Vi-Daylin	400 IU	clear	—	63-refrig
		400 IU	amber	15	—
		400 IU	clear	56	22
Nortriptyline	(refrigerated) Aventyl	400 IU	clear	—	63-refrig
		2	amber	13mths	361
Nystatin	Nilstat	2	clear	13mths	361
		10000U	amber	289	148
Penicillin VK	Veetids 250	10000U	clear	148	—
		50	amber	<7	<7
		50	amber	—	14-refrig
Pheniramine	Ru-Tuss*	20	clear	<7	30-refrig
Phenobarbital	—	4	clear	—	90
Phenylephrine	Ru-Tuss*	30	clear	—	90
Phenylpropanolam.	NovahistDH*	3.75	clear	—	90
Phenytoin	Dilantin	25	clear	—	10mths
		25	amber	363	180
		6	clear	154	—
Potassium chloride	Lyphomed	149	amber	—	180
		149	amber	48	—
		149	clear	207	207
		149	clear	—	207-refrig

— No samples were prepared for this storage condition.

* Generic as component of brand name drug.

CAUTION:

Stability data are for drugs stored in Baxa Exacta-Med Dispensers. Due to variations in materials and design, data are not valid for other syringes.

TECHNICAL APPENDIX
STABILITIES OF DRUGS IN EXACTA-MED ORAL DISPENSERS

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	SYRINGE COLOR	DAYS STABLE AT ROOM TEMPERATURE	
				CONTINUOUS LIGHT	DARK
Potassium clavulanate	Augmentin	6.25	clear	12hrs	—
Promethazine	Phenergan	12.5	clear	8hrs	—
		5	amber	45	375
		5	clear	31	310
Prostaglandin E2	Prostin E2	0.25	clear	—	85-frozen
		0.5	clear	—	66-frozen
		1.0/1.2	amber	—	2.5mths-frozen
		1.0/1.3	clear	—	4.5mths-frozen
Pyrilamine	Ru-Tuss*	0.03	clear	—	90
Ranitidine	Zantac	15	amber	250	—
			clear	151	250
Sodium bicarbonate	Abbott	42	amber	48	48
		42	clear	214	116
		42	clear	—	116-refrig
Sodium chloride	Baxa lab	23.5	clear	34	34
Sodium chloride	Lypomed	23.4%	amber	165	165
		23.4%	clear	236	354
		23.4%	clear	—	165-refrig
Sodium chloride	flush solution	0.45%	clear	—	48
Sodium chloride	flush w. heparin	0.45%	clear	—	48
Sulfamethoxazole	Bactrim*	40	amber	18mths	18mths
Sulfisoxazole	Pediazole	120	amber	33	56
			amber	—	62-refrig
			clear	21	56
Terbutaline	Brethine	0.25	clear	26	—
Terbutaline	Brethine	1	clear	3mths	—
	private	1	amber	173	—
		1	clear	173	173
		1	clear	—	173-refrig
Tetracaine	(in TAC soln)	0.5%	clear	154	154
Theophylline	Aquaphyllin	5.33	clear	180	—
	Elixophyllin	5.33	amber	—	180
		5.33	clear	—	90
	Quibron*	10	amber	12mths	12mths
		10	clear	15mths	15mths
Thioridazine	Mellaril-S	5	amber	24mths	90
		5	clear	120	15mths
		20	amber	102	381
	Mellaril	100	amber	15mths	372
		100	clear	240	15mths
Thiothixene	Navane	5	amber	70	358
		5	clear	94	358
Trifluoperazine	Stelazine	10	amber	31	241
		10	clear	14	304
Triflupromazine HCl		10	clear	—	48
Trimethoprim	Bactrim*	8	amber	18mths	18mths
Valproic Acid	Depakene	50	amber	19mths	19mths
		50	clear	19mths	19mths
Vancomycin	VancoLed	50	amber	54	—
		50	clear	133	67
		50	clear	—	133-refrig
		50	clear	—	133-frozen

— No samples were prepared for this storage condition.

* Generic as component of brand name drug.

CAUTION:

Stability data are for drugs stored in Baxa Exacta-Med Dispensers. Due to variations in materials and design, data are not valid for other syringes.

TECHNICAL APPENDIX
STABILITIES OF RESPIRATORY DRUGS IN EXACTA-MED ORAL DISPENSERS

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	SYRINGE COLOR	DAYS STABLE AT ROOM TEMPERATURE	
				CONTINUOUS LIGHT	DARK
Albuterol	Ventolin	5	amber	225	368
		5	clear	212	368
	Proventil-inhalation	.042%	clear	—	18mths
		.083%	clear	—	18mths
		.1% in cromylyn .1% in NaCl	clear	—	19mths
Aminophylline Metaproterenol	URL	21	clear	70	276
	Alupent	2	amber	303	310
		2	clear	182	237
		50	amber	42	—
		50	clear	63	—
(inhalation)	0.4%	clear	—	18mths	
Terbutaline	Brethine	0.6%	clear	—	22mths
	Terbutaline	0.25	clear	26	—
Terbutaline	Brethine private	1	clear	3mths	—
		1	amber	173	—
	1	clear	173	173	
		clear	—	173-refrig.	
Theophylline	Aquaphyllin	5.33	clear	180	—
	Elixophyllin	5.33	amber	—	180
		5.33	clear	—	90
		10	amber	12mths	12mths
	Quibron*	10	clear	15mths	15mths
		50	clear	133	67
50		clear	—	133-refrig.	
50	clear	—	133-frozen		

* Generic as component of brand name drug.

CAUTION:

Stability data are for drugs stored in Baxa Exacta-Med Dispensers. Due to variations in materials and design, data are not valid for other syringes.

STABILITIES OF DRUGS IN KWIK-VIAL

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	DAYS STABLE AT ROOM TEMPERATURE	
			CONTINUOUS LIGHT	DARK
Acetaminophen	Anacin 3	32	178	178
	Tylenol	33.3	15mths	15mths
Aminophylline	URL	21	270	248
Antacid**	store brand			
Al(OH)3		40	360	357
Mg(OH)2		40	360	357
simethicone		4	360	357
Carbamazepine	Tegretol	20	12mths	12mths
Chloral hydrate	Noctec	100	27mths	238
Chlorpromazine	Thorazine	2	58	58
	Intensol	100	13mths	13mths
Cocaine	Lilly/saline	5%	12mths	15mths
		10%	8mths+3dark	141

—No samples were prepared for this storage condition.

** Equivalent to Maalox Plus, Gelusil, and Mylanta; similar to other formulations.

CAUTION:

Stability data are for drugs stored in Baxa Kwik-Vial containers. Due to variations in materials and design, data are not valid for other containers.

TECHNICAL APPENDIX
STABILITIES OF DRUGS IN KWIK-VIAL

GENERIC DRUG	BRAND NAME	CONCENTRATION MG/ML	DAYS STABLE AT ROOM TEMPERATURE	
			CONTINUOUS LIGHT	DARK
Cocaine	(in TAC)	5%	30	30
		10%	30	—
Dexamethorphan	Tussin DM	3	216	185
Diatrizoate meglumine	MD-Gastroview	660	30	136
Diatrizoic acid	MD-Gastroview	597	210	—
Dicyclomine	Bentyl	2	19mths	18mths
Digoxin	Lanoxin	0.05	63	—
Docusate Na	Colace	10	178	15mths
Doxepin	—	10	20mths	—
	PBI	10	87	—
Fluphenazine	Prolixin	0.5	13mths	—
Guafenesin	Tussin DM	20	216	185
	Quibron	6	12mths	15mths
Glubionate Ca	Neo-Calglucon	360	31	—
Haloperidol	Haldol	2	122	—
Hydroxizine	Atarax	2	12mths	15mths
Ibuprofen	Pediaprofen	20	315	211
Iodine	MD-Gastroview	367	210	136
Loperamide	Imodium AD	0.2	291	18mths
Loxipine	Loxitane	25	372	15mths
Meperidine	Demerol	10	12mths	15mths
Methadone	Roxane	2	15mths	15mths
Molindone HCl	Moban	20	372	372
Morphine sulfate	Roxane	2	—	91
Multi-vitamins				
Ascorbic acid(C)	Theragran	40	86	58
Niacinamide	Theragran	20	86	58
Pyrodoxine(B6)	Theragran	0.82	86	—
Riboflavin	Theragran	2	86	58
Thiamine	Theragran	20	86	—
Nortriptyline	Aventyl	2	24mths	361
Paregoric	Rugby	0.4	Do not store	—
Phenytoin	Dilantin	25	21mths	—
Promethazine	Phenergan	5	31	60
Ranitidine HCl	Zantac	15	151	12mths
Sulfamethoxazole	Bactrim	40	21mths	—
Tetracaine	(in TAC)	0.5%	30	—
		1%	30	—
Theophylline	Quibron	10	12mths	15mths
Thioridazine	Mellaril-S	5	18mths	15mths
	Mellaril	100	372	372
	pbi, 1.7ml	30	126	126
	6.7ml	30	126	126
Thiothixene	Navane	5	19mths	12mths+ 18mths refrig.
Trifluoperazine	Stelazine	10	31	91
Trimethoprim	Bactrim	8	21mths	—
Valproic acid	Depakene	50	361	15mths

TECHNICAL APPENDIX

—No samples were prepared for this storage condition.

CAUTION:

Stability data are for drugs stored in Baxa Kwik-Vial containers. Due to variations in materials and design, data are not valid for other containers.