COMPONENTS:		ORIGINAL MEASUREMENTS:
(1)	Benzamide, N-[(4-aminopheny1)sulfony1]- (sulfabenzamide); C ₁₃ H ₁₂ N ₂ O ₃ S;	Bhattacharyya, R.; Basu, U. P. Indian Pharmacist <u>1950</u> , 6(3), 77-8, 86.
(2)	Water; H ₂ 0; [7732-18-5]	
VARIABLES:		PREPARED BY:
]	One temperature;: 30 ⁰ C	R. Piekos
 	·	
EXPER	IMENTAL VALUES:	, , ,
Solubility of sulfabenzamide in water at (0.774 mol dm ⁻³ solution, compiler).		t 30°C is 207.0 mg per ml of solution"
	^a The final pH was 3.6.	
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	AUXILIARY	
METHO	DD/APPARATUS/PROCEDURE:	SOURCE AND PURITY OF MATERIALS:
A we	eighed sample of sulfabenzamide was	Neither source nor purity of the sulfa-
plac	ed in a clean reagent bottle and a	benzamide was specified.
known vol of water was added. The mixt		Doubly distd water was used.
was snaken in a mech snaker at 80~100 strokes/min. After at least 24 h the mixt		
was	filtered through a clean, dried and	
weig	hed sintered-glass crucible. At the	
end	of the filtration the crucible was	
washed with about 1 ml of water, dried at		Soly: not specified.
105	C for 2-3 h, cooled, and weighed to	Temp: <u>+</u> 0.2 [°] C (authors).
cons	st wt. The pH was detd with a Cambridge	pH: <u>+0.01 unit (authors).</u>
Denc	in type primeter using a glass electrode.	REFERENCES :
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COMPONENTS:	to N [(/ aming	nhony1) cu1fory1]_	ORIGINAL MEASUREMENTS:		
(1) Benzamide, N-L(4-aminophenyl)sulfonyl			Bhattacharyya, R.; Basu, U. P.		
[127-71	-9]	12"2"3",	Indian Pharmacist <u>1950</u> , 6(3), 77-8, 86.		
(2) Phospho	ric acid, monop	otassium salt;			
KH ₂ PO ₄ ;	[7778-77-0]				
(3) Sodium	hydroxide; NaOH	[; [1310-73-2]			
(4) water;	$^{H_{20}; [7/32-18-5]}$	ر، ا			
VARIABLES:			PREPARED BY.		
			P. Bisker		
рн			R. Flekos		
EXPERIMENTAL	VALUES:				
	Toitial oH	Solubility at 300	C in M/20 KH PO, solution Final pH		
	Initial ph	of pH corrected	with $M/20$ ma0H solution		
			a a		
		mg/ml soluti	on moldm ^{-3⁻}		
	6.18	451.4	1.634 5.55		
	7.05	1152 0	4 176 5 0		
	7.03	1153.0	4:170 5.9		
	a Coloulated h	w compiler			
	Calculated t	by comprise.			
		AUXILIARY	INFORMATION		
METHOD/APPAR	ATUS/PROCEDURE:	······································	SOURCE AND PURITY OF MATERIALS:		
A wetched an	mple of sulfabo	enzamide was	Neither source nor purity of the materials		
n werghen sa	mbre or surrane	Insalling was	norther source nor parity of the materials,		
placed in a	clean reagent b	pottle and a known	with the exception was water, was		
vol of the M	1/20 KH ₂ PO ₄ solr	n was added, and	specified.		
the pH was adjusted to the desired value			The water was doubly distilled.		
with M/20 No	OU coln The r	dut was abolean			
WILL M/20 Na	ion soin. me i	aixt was shaken			
in a mech sh	aker at 80-100	strokes/min.			
After at lea	st 24 h the mix	xt was filtered			
through a clean dried and weighed sintered-					
	10 An Ali-	d of the filter			
glass crucible. At the end of the filtra-			Solv: not specified.		
tion the crucible was washed with about					
1 ml of wate	r, dried at 105	5 ⁰ C for 2-3 h,	Temp: ± 0.2 C (authors).		
cooled, and	weighed to con-	st wt. The pH	pH: <u>+</u> 0.01 unit (authors).		
cooreu, and wergned to const we. Ine ph			REFERENCES :		
was detd with a Cambridge bench type pH					
meter using	a glass electro	ode.			