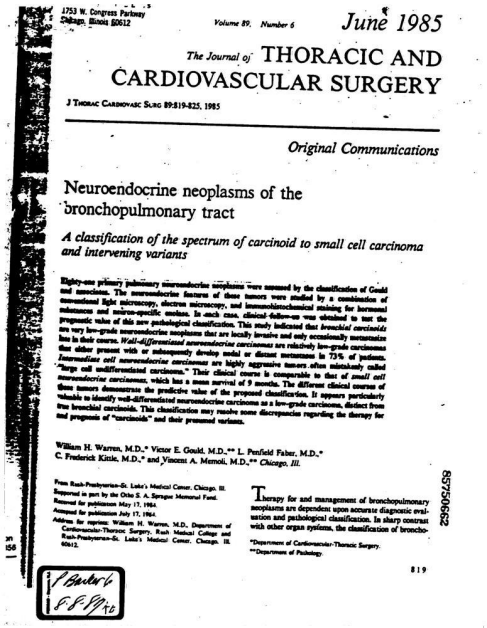
Guía para Ejercicio 5 Entregable 2

Utilizando herramientas vistas en el curso (ej. análisis en frecuencia, transformaciones geométricas, segmentación por umbral, detección de bordes, líneas y regiones, morfología, etiquetado de regiones, entre otros) se buscará identificar en cada imagen:

1. **Orientación general del documento en la imagen**. El documento está en formato vertical o está apaisado.

Ejemplos:



1753 W. Congress Parkway
Chicago, Illinois 60612

Volume 89, Number 6 June 1985

The Journal of THORACIC AND CARDIOVASCULAR SURGERY

J THORAC CARDIOVASC SURG 89:819-825, 1985

Original Communications

Neuroendocrine neoplasms of the bronchopulmonary tract

A classification of the spectrum of carcinoid to small cell carcinoma and intervening variants

Eighty-one primary pulmonary neuroendocrine neoplasms were assessed by the classification of Gould and associates. The neuroendocrine features of these tumors were studied by a combination of conventional light microscopy, electron microscopy, and immunohistochemical staining for hormonal substances and amine-specific markers. In each case, clinical follow-up was obtained to test the prognostic value of this new pathological classification. This study indicated that *bronchial carcinoids* are very low-grade neuroendocrine neoplasms that are locally invasive and only occasionally metastasize late in their course. *Well-differentiated neuroendocrine carcinomas* are relatively low-grade carcinomas that either present with or subsequently develop nodal or distant metastases in 73% of patients. *Intermediate cell neuroendocrine carcinomas* are highly aggressive tumors often mistakenly called "large cell undifferentiated carcinoma." Their clinical course is comparable to that of *small cell neuroendocrine carcinomas*, which has a mean survival of 9 months. The different clinical courses of these tumors demonstrate the predictive value of the proposed classification. It appears particularly valuable to identify well-differentiated neuroendocrine carcinoma as a low-grade carcinoma, distinct from true bronchial carcinoids. This classification may resolve some discrepancies regarding the therapy for and prognosis of "carcinoids" and their presumed variants.

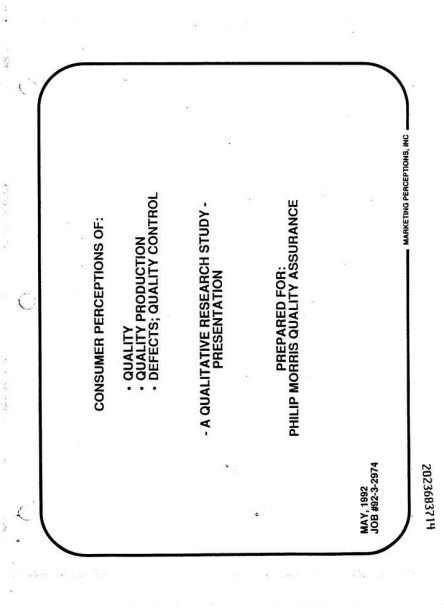
William H. Warren, M.D.,* Victor E. Gould, M.D.,** L. Penfield Faber, M.D.,* C. Frederick Kittle, M.D.,* and Vincent A. Memoli, M.D.,** *Chicago, Ill.*

From Rush-Presbyterian-St. Luke's Medical Center, Chicago, Ill.
Presented in part by the Otho S. A. Sprague Memorial Fund.
Received for publication May 17, 1984.
Accepted for publication July 17, 1984.
Address for reprints: William H. Warren, M.D., Department of Cardiovascular-Thoracic Surgery, Rush Medical College and Rush-Presbyterian-St. Luke's Medical Center, Chicago, Ill. 60612.

Therapy for and management of bronchopulmonary neoplasms are dependent upon accurate diagnostic evaluation and pathological classification. In sharp contrast with other organ systems, the classification of broncho-

*Department of Cardiovascular-Thoracic Surgery.
**Department of Pathology.

819



CONSUMER PERCEPTIONS OF:
• QUALITY
• QUALITY PRODUCTION
• DEFECTS; QUALITY CONTROL

- A QUALITATIVE RESEARCH STUDY -
PRESENTATION

PREPARED FOR:
PHILIP MORRIS QUALITY ASSURANCE

MAY, 1992
JOB #92-3-2974

MARKETING PERCEPTIONS, INC

Figura 1: formato vertical

Figura 2: formato apaisado

2. **Ángulo de giro**. Ángulo a girar el documento en sentido horario para que las líneas y/o texto queden horizontales.
   Ejemplo:

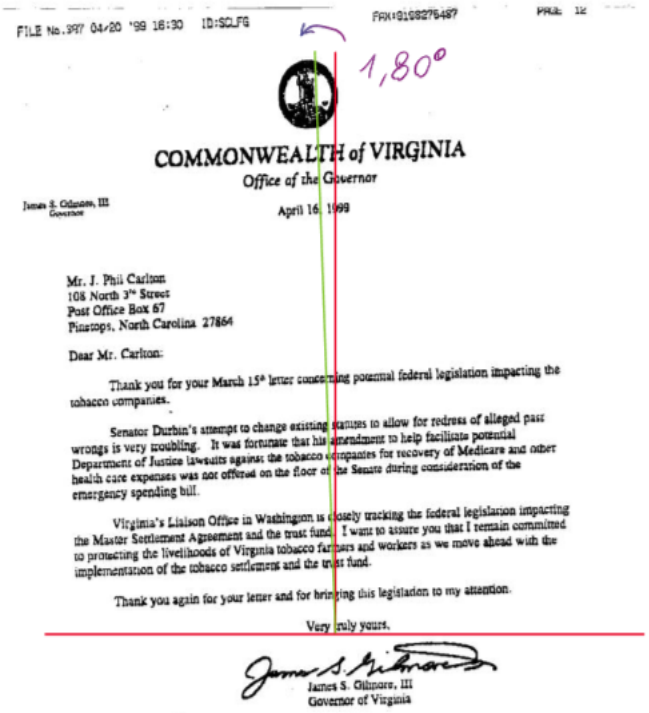


Figura 3: documento original girado (se alinea con giro 1.80° horario)

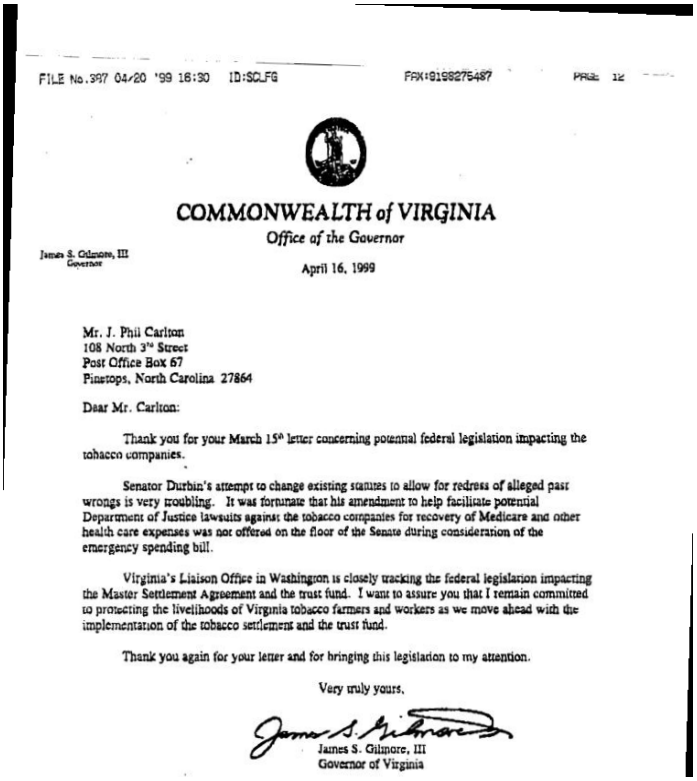


Figura 4: documento alineado

3. **¿El documento es un formulario o tabla?** Se entenderá por formulario un documento que cuente con algunas líneas verticales y horizontales (formularios, tablas, etc).

   Ejemplos documentos tipo formulario:

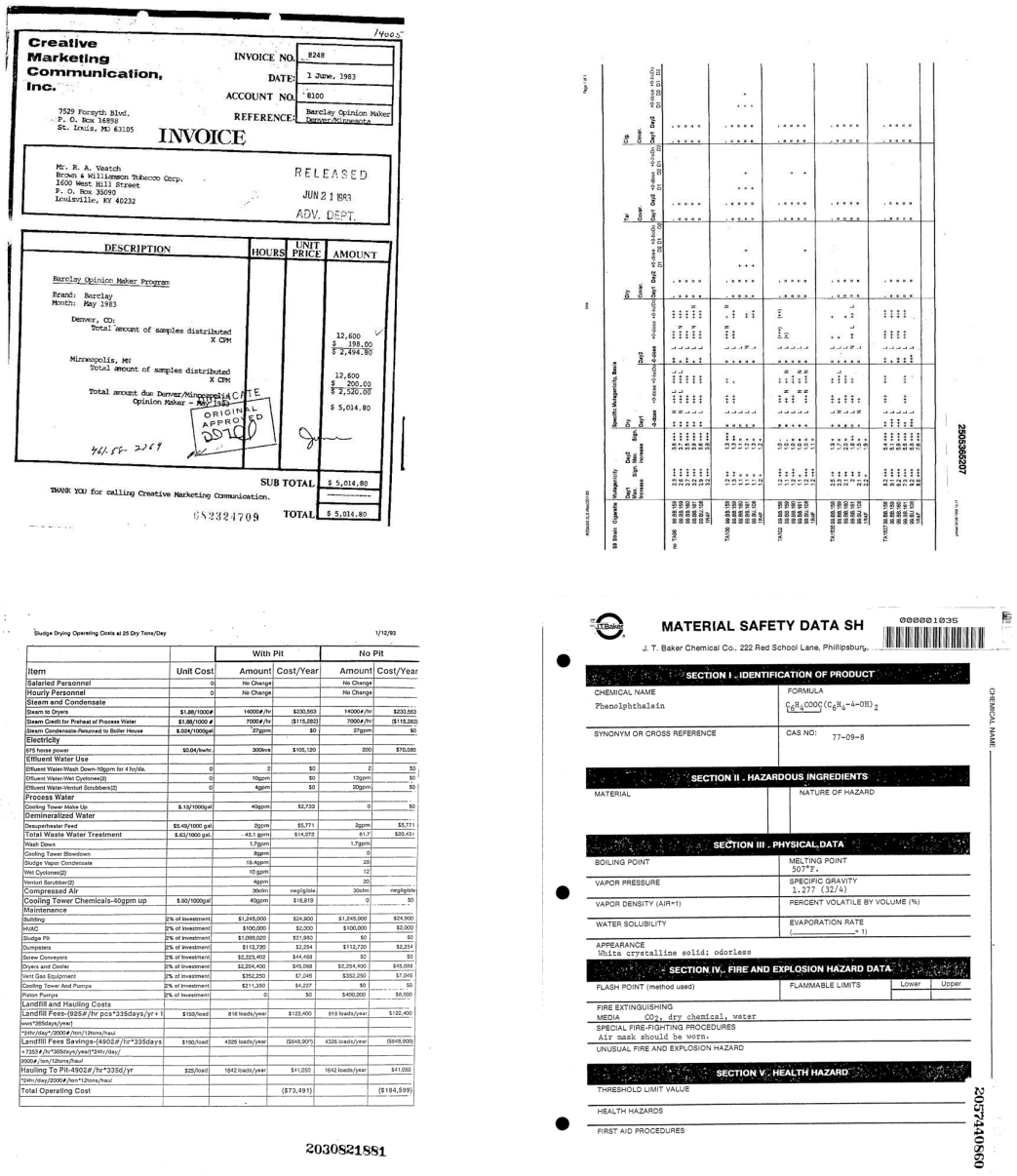
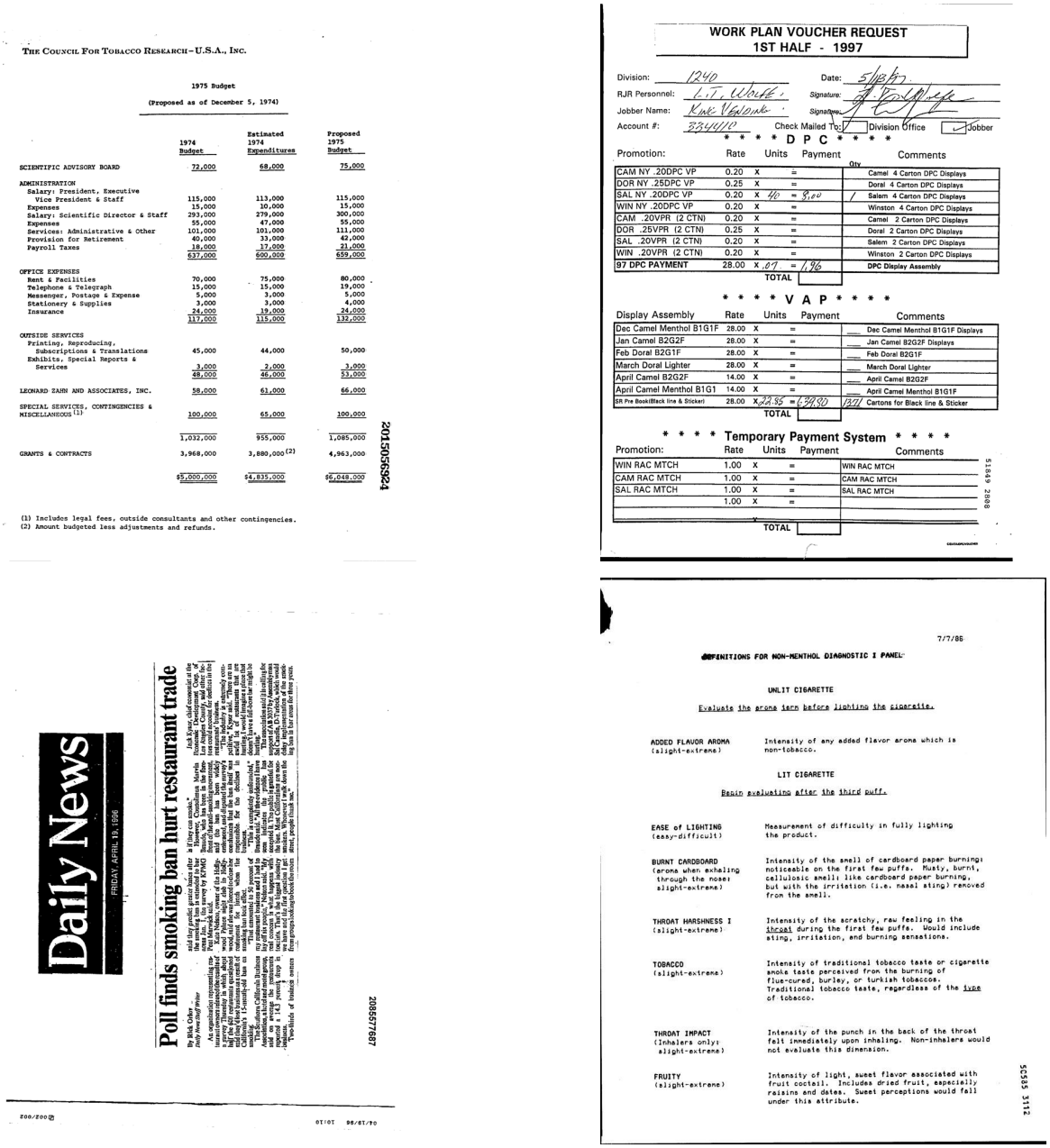


Figura 5: documentos tipo tablas/formularios

4. **¿El documento tiene columnas de texto?** El documento tiene agrupaciones de texto en columnas por varias filas.

Ejemplos de documentos con columnas de texto:



THE COUNCIL FOR TOBACCO RESEARCH–U.S.A., INC.

1975 Budget

(Proposed as of December 5, 1974)

	1974 Budget	Estimated 1974 Expenditures	Proposed 1975 Budget
SCIENTIFIC ADVISORY BOARD	72,000	68,000	75,000
ADMINISTRATION			
Salary: President, Executive Vice President & Staff	115,000	113,000	115,000
Expenses	15,000	10,000	15,000
Salary: Scientific Director & Staff	293,000	279,000	300,000
Expenses	55,000	47,000	55,000
Services: Administrative & Other	101,000	101,000	111,000
Provision for Retirement	40,000	33,000	42,000
Payroll Taxes	18,000	17,000	21,000
	637,000	600,000	659,000
OFFICE EXPENSES			
Rent & Facilities	70,000	75,000	80,000
Telephone & Telegraph	15,000	15,000	19,000
Messenger, Postage & Expense	5,000	3,000	5,000
Stationery & Supplies	3,000	3,000	4,000
Insurance	24,000	19,000	24,000
	117,000	115,000	132,000
OUTSIDE SERVICES			
Printing, Reproducing, Subscriptions & Translations	45,000	44,000	50,000
Exhibits, Special Reports & Services	3,000	2,000	3,000
	48,000	46,000	53,000
LEONARD ZAHN AND ASSOCIATES, INC.	58,000	61,000	66,000
SPECIAL SERVICES, CONTINGENCIES & MISCELLANEOUS (1)	100,000	65,000	100,000
	1,032,000	955,000	1,085,000
GRANTS & CONTRACTS	3,968,000	3,880,000 (2)	4,963,000
	$5,000,000	$4,835,000	$6,048,000

(1) Includes legal fees, outside consultants and other contingencies.
(2) Amount budgeted less adjustments and refunds.

2015056824

WORK PLAN VOUCHER REQUEST
1ST HALF - 1997

Division: 1240 Date: 5/12/97
RJR Personnel: L.T. Wolfe Signature:
Jobber Name: Kwik Vending Signature:
Account #: 3344110 Check Mailed To: Division Office Jobber

* * * * D P C * * * *

Promotion:	Rate	Units	Payment	Qty	Comments
CAM NY .20DPC VP	0.20	X	=		Camel 4 Carton DPC Displays
DOR NY .25DPC VP	0.25	X	=		Doral 4 Carton DPC Displays
SAL NY .20DPC VP	0.20	X 40	= 8.00	1	Salem 4 Carton DPC Displays
WIN NY .20DPC VP	0.20	X	=		Winston 4 Carton DPC Displays
CAM .20VPR (2 CTN)	0.20	X	=		Camel 2 Carton DPC Displays
DOR .25VPR (2 CTN)	0.25	X	=		Doral 2 Carton DPC Displays
SAL .20VPR (2 CTN)	0.20	X	=		Salem 2 Carton DPC Displays
WIN .20VPR (2 CTN)	0.20	X	=		Winston 2 Carton DPC Displays
97 DPC PAYMENT	28.00	X .07	= 1.96		DPC Display Assembly
		TOTAL			

* * * * V A P * * * *

Display Assembly	Rate	Units	Payment	Comments
Dec Camel Menthol B1G1F	28.00	X	=	Dec Camel Menthol B1G1F Displays
Jan Camel B2G2F	28.00	X	=	Jan Camel B2G2F Displays
Feb Doral B2G1F	28.00	X	=	Feb Doral B2G1F
March Doral Lighter	28.00	X	=	March Doral Lighter
April Camel B2G2F	14.00	X	=	April Camel B2G2F
April Camel Menthol B1G1	14.00	X	=	April Camel Menthol B1G1F
SR Pre Book(Black line & Sticker)	28.00	X 22.95	= 639.90	1371 Cartons for Black line & Sticker
		TOTAL		

* * * * Temporary Payment System * * * *

Promotion:	Rate	Units	Payment	Comments
WIN RAC MTCH	1.00	X	=	WIN RAC MTCH
CAM RAC MTCH	1.00	X	=	CAM RAC MTCH
SAL RAC MTCH	1.00	X	=	SAL RAC MTCH
	1.00	X	=	
		TOTAL		

516492808

Daily News
FRIDAY, APRIL 19, 1996

Poll finds smoking ban hurt restaurant trade

2085748

7/7/86

DEFINITIONS FOR NON-MENTHOL DIAGNOSTIC I PANEL

UNLIT CIGARETTE

Evaluate the aroma item before lighting the cigarette.

ADDED FLAVOR AROMA (slight-extreme)	Intensity of any added flavor aroma which is non-tobacco.

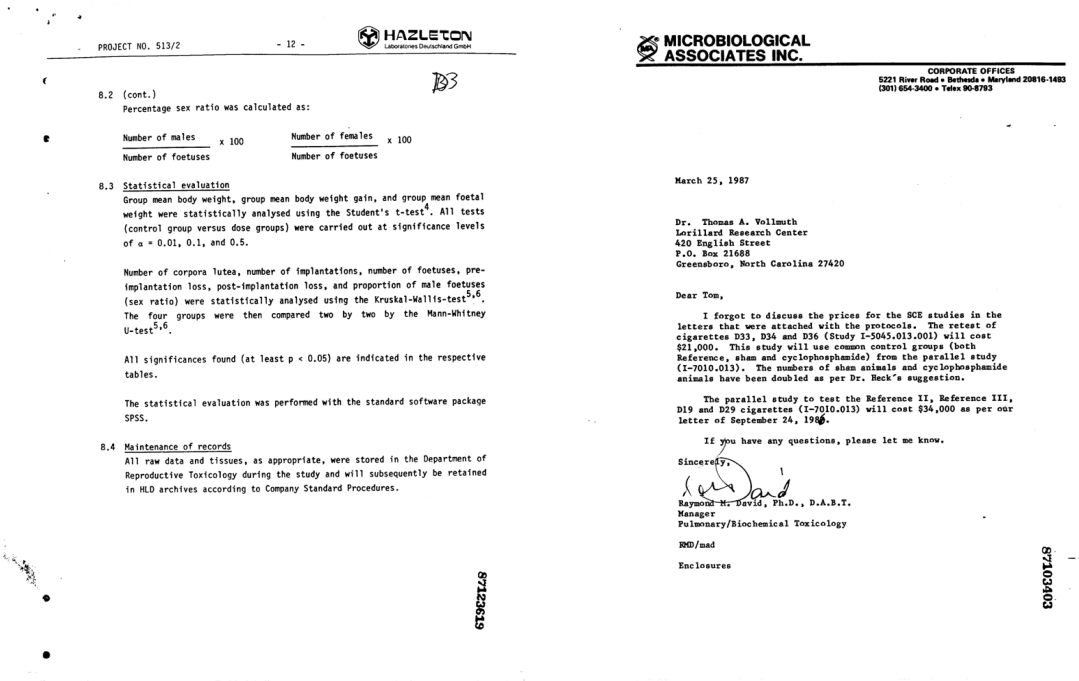
LIT CIGARETTE

Begin evaluating after the third puff.

EASE of LIGHTING (easy-difficult)	Measurement of difficulty in fully lighting the product.
BURNT CARDBOARD (aroma when exhaling through the nose: slight-extreme)	Intensity of the smell of cardboard paper burning; noticeable on the first few puffs. Musty, burnt, cellulosic smell; like cardboard paper burning, but with the irritation (i.e. nasal sting) removed from the smell.
THROAT HARSHNESS I (slight-extreme)	Intensity of the scratchy, raw feeling in the throat during the first few puffs. Would include sting, irritation, and burning sensations.
TOBACCO (slight-extreme)	Intensity of traditional tobacco taste or cigarette smoke taste perceived from the burning of flue-cured, burley, or turkish tobaccos. Traditional tobacco taste, regardless of the type of tobacco.
THROAT IMPACT (Inhalers only: slight-extreme)	Intensity of the punch in the back of the throat felt immediately upon inhaling. Non-inhalers would not evaluate this dimension.
FRUITY (slight-extreme)	Intensity of light, sweet flavor associated with fruit cocktail. Includes dried fruit, especially raisins and dates. Sweet perceptions would fall under this attribute.

5C585 3112

Figura 6: documentos con columnas de texto



PROJECT NO. 513/2 - 12 - HAZLETON Laboratories Deutschland GmbH

8.2 (cont.)
Percentage sex ratio was calculated as:

$$\frac{\text{Number of males}}{\text{Number of foetuses}} \times 100 \qquad \frac{\text{Number of females}}{\text{Number of foetuses}} \times 100$$

8.3 Statistical evaluation
Group mean body weight, group mean body weight gain, and group mean foetal weight were statistically analysed using the Student's t-test[4]. All tests (control group versus dose groups) were carried out at significance levels of $\alpha = 0.01$, 0.1, and 0.5.

Number of corpora lutea, number of implantations, number of foetuses, pre-implantation loss, post-implantation loss, and proportion of male foetuses (sex ratio) were statistically analysed using the Kruskal-Wallis-test[5,6]. The four groups were then compared two by two by the Mann-Whitney U-test[5,6].

All significances found (at least $p < 0.05$) are indicated in the respective tables.

The statistical evaluation was performed with the standard software package SPSS.

8.4 Maintenance of records
All raw data and tissues, as appropriate, were stored in the Department of Reproductive Toxicology during the study and will subsequently be retained in HLD archives according to Company Standard Procedures.

87123619

MICROBIOLOGICAL ASSOCIATES INC.

CORPORATE OFFICES
5221 River Road • Bethesda • Maryland 20816-1493
(301) 654-3400 • Telex 90-8783

March 25, 1987

Dr. Thomas A. Vollmuth
Lorillard Research Center
420 English Street
P.O. Box 21688
Greensboro, North Carolina 27420

Dear Tom,

I forgot to discuss the prices for the SCE studies in the letters that were attached with the protocols. The retest of cigarettes D33, D34 and D36 (Study I-5045.013.001) will cost $21,000. This study will use common control groups (both Reference, sham and cyclophosphamide) from the parallel study (I-7010.013). The numbers of sham animals and cyclophosphamide animals have been doubled as per Dr. Heck's suggestion.

The parallel study to test the Reference II, Reference III, D19 and D29 cigarettes (I-7010.013) will cost $34,000 as per our letter of September 24, 1986.

If you have any questions, please let me know.

Sincerely,

Raymond H. David, Ph.D., D.A.B.T.
Manager
Pulmonary/Biochemical Toxicology

RHD/mad

Enclosures

87103403

Figura 7: documentos sin columnas de texto

5. **Límites horizontales del documento**. Indicar la columna de inicio y fin del núcleo principal del documento. En caso que (4) sea afirmativo, indicar también las posiciones horizontales que separan las columnas de texto.

Ejemplos de posiciones horizontales. Límites del núcleo principal (rojo) y límites de columnas (celeste), en caso de tener texto en columnas:

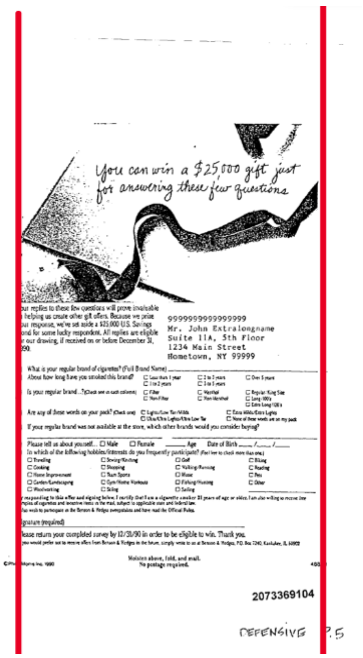


Figura 8: límites (sin texto en columnas)

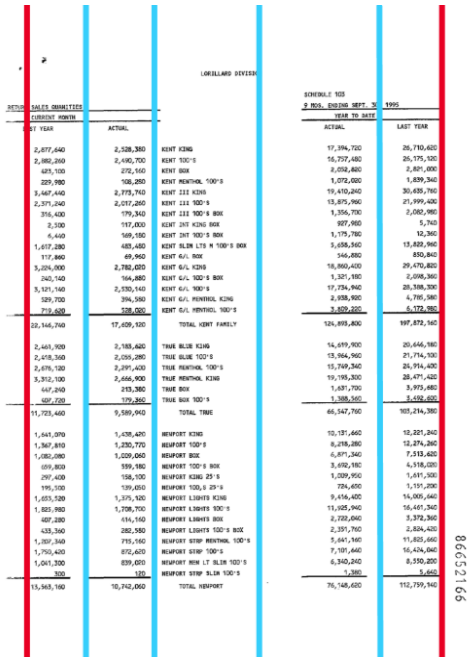


Figura 9: límites (con texto en columnas)

6. **Alto de línea**. Distancia vertical, en píxeles, entre la línea de base de una fila y la de la siguiente.

   Ejemplo:

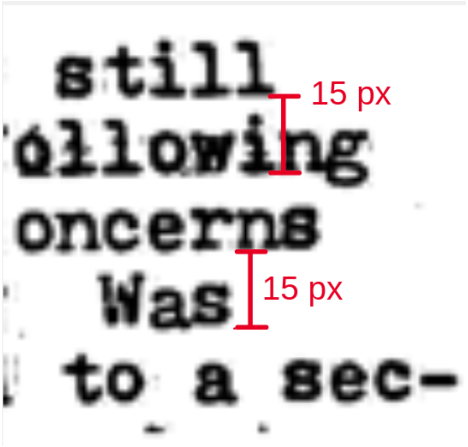


Figura 10: alto de línea

7. **Ancho de letra**. En los casos que el documento tenga un tipo de letra "monospaced" se podrá determinar el ancho de letra como la distancia horizontal en píxeles entre el comienzo de una letra y de la siguiente.

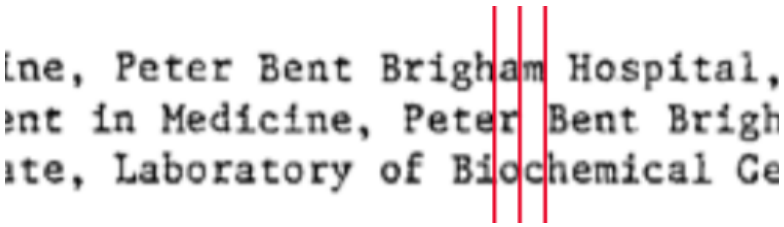


Figura 11: letra monospaced.

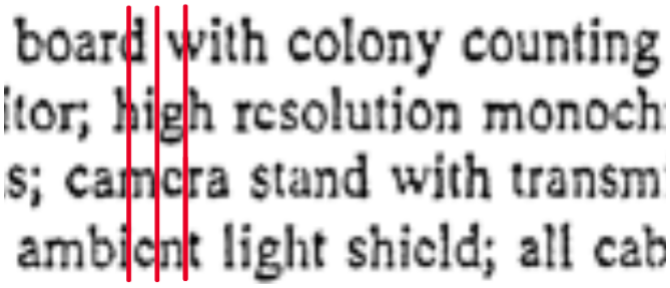
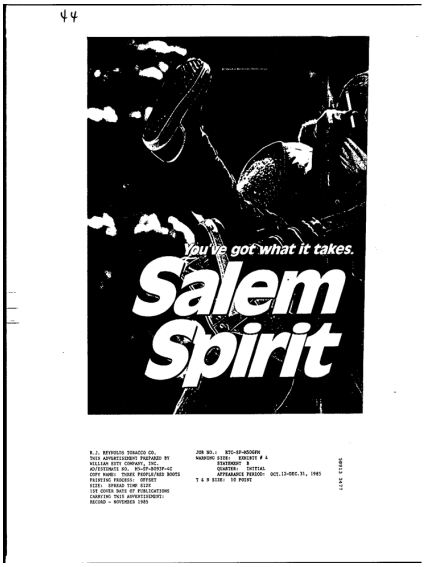


Figura 12: letra proporcional (no monospaced).

8. **Detección de figura**. ¿El documento es sólo texto y/o líneas o contiene alguna figura? Se entenderá por figura un conjunto conexo de píxeles mayor al 1% del área de la imagen y que no está compuesto por texto/líneas y que tampoco es una región quasi-uniforme (ej. un rectángulo quasi-uniforme no se considera una figura)

Ejemplos:



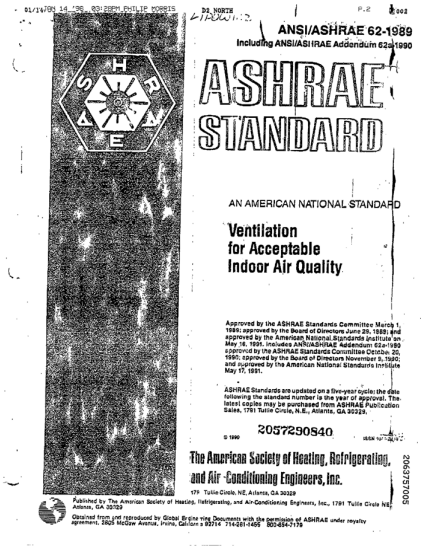


Figura 13: documentos con figuras.