

M0011309: Analysis of gastric juice proving the presence of free hydrochloric acid

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II. Analyse. 55,99 Grm. filtrirten Magensaftes, von welchem 10 Grm. 0,038 KO neutralisiren, mit Baryhydrat übersättigt, eingetrocknet, verkohlt etc.

1,336 Ag Cl,

0,063 NH₃ Niederschlag, vorzugsweise 3 CaO, PO₅,

0,020 CaO CO₂,

0,264 KCl + Na Cl,

woraus 0,268 K Pt Cl₃ = $\begin{cases} 0,18611 \text{ Na Cl,} \\ 0,08189 \text{ KCl,} \end{cases}$

mithin den gleichen Ammoniakgehalt vorausgesetzt

in 1000 Theilen Magensaft:

		990,553 Wasser und Ferment		
Chlor	5,898	}	2,752 Chlorwasserstoffsäure	
Kalium	0,767		1,462 Chlorkalium	
Natrium	1,307		3,324 Chlornatrium	
Calcium	0,143		0,396 Chlorcalcium	
Ammonium	0,131		0,388 Chlorammonium	
phosphors. Kalk . . .	} . . 1,125	}	phosphors. Kalk	
= Magnesia . . .			= Magnesia	
= Eisenoxyd . . .			= Eisenoxyd	

K 0,767 aeq. 0,695 Cl

Na 1,307 — 2,017 —

Ca 0,143 — 0,253 —

NH₄ 0,131 — 0,257 —

Sa. des gebundenen Cl 3,222 Cl

im Ganzen vorhanden 5,898 —

mithin frei 2,676 Cl

aeq. 2,752 ClH

aeq. 3,555 KO.