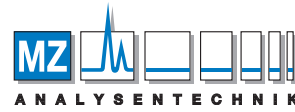


Application Title:

Separation of Nucleotides in Tuna meat

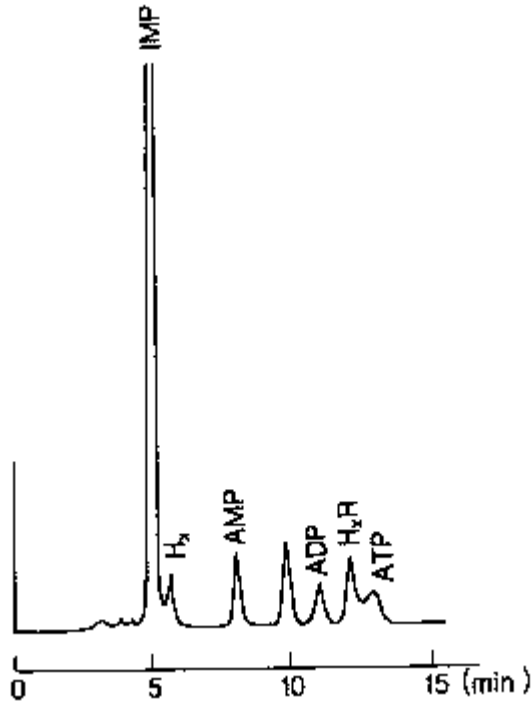
Compound:

1) IMP; 2) Hx; 3) AMP; 4) ADP; 5) HxR; 6) ATP



AUTHORIZED DISTRIBUTOR

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**Chromatographic conditions**

Column:	TSKgel ODS-120T , P/N 07125, 5 µm, 4.6 mm ID × 25 cm × 1
Mobile Phase:	30 mmol/L Diethylaminoethanol+20 mmol/L Phosphoric acid+2% methanol in Water
Detection:	UV/VIS
Temperature:	25 °C
Injection Volume:	5 µL
Sample(s):	Nucleotide
Reference:	Food and food additives data sheets
Page start:	21
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Comments:	Tuna meat of 1g was homogenized in 1M Perchloric acid of 2.5mL and centrifuged at 3000rpm for 5min. The supernatant was adjusted to pH 6.5 by 1M Dipotassium hydrogenphosphate.