

No.	Retentiontime [min]	Amino Acid	code
1	23.5	Aspartic Acid	ASP
2	31.7	Threonine	THR
3	34.8	Serine	SER
4	41.8	Glutamic Acid	GLU
5	53.1	Proline	PRO
6	55.4	Glycine	GLY
7	57.5	Alanine	ALA
8	69.5	Cystine	CYS2
9	67.0	Valine	VAL
10	73.1	Methionine	MET
11	75.9	Isoleucine	ILE
12	78.3	Leucine	LEU
13	82.7	Tyrosine	TYR
14	87.5	Phenylalanine	PHE
15	106.1	Histidine	HIS
16	119.9	Lysine	LYS
17	122.9	Ammonium Chloride	Ammonia
18	128.6	Arginine	ARG

## Program Name:

Hydrolysate\_High-Resolution

## Program Parameter

**Total Runtime** 01:46:00  
**Analysis Time** 1:22:00  
**Injection** 00:19:00  
**Flow** 240 µL/min

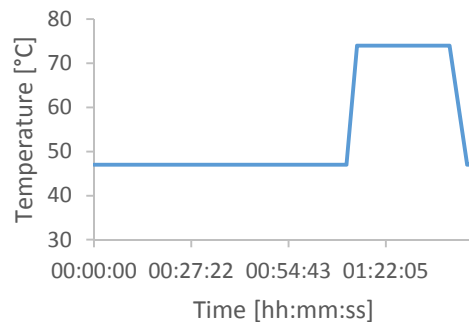
## Buffer Program

Buffer-System: Lithium

Buffer	Start [hh:mm:ss]	End [hh:mm:ss]	Buffer	Start [hh:mm:ss]	End [hh:mm:ss]
A	00:00:00	00:35:00	Reagent	00:00:00	01:40:00
B	00:35:00	00:52:00	Wash Solution	01:40:00	01:46:00
C	00:52:00	01:02:00			
D	01:02:00	01:12:00			
E	01:12:00	01:40:00			
F	01:40:00	01:46:00			

## Column Program

Temperatur [°C]	Start [hh:mm:ss]	End [hh:mm:ss]
47	00:00:00	01:11:00
74	01:14:00	01:40:00
47	01:45:00	01:46:00



## Column Parameter

### Column

**Column Type** stainless steel  
**Bed length** 125 mm  
**Diameter** 4 mm  
**Resin** CK10F

### Ammonia Adsorber

**Column Type** stainless steel  
**Bed length** 30 mm  
**Diameter** 4 mm  
**Resin** AFR2