

Circuit RAS feeds

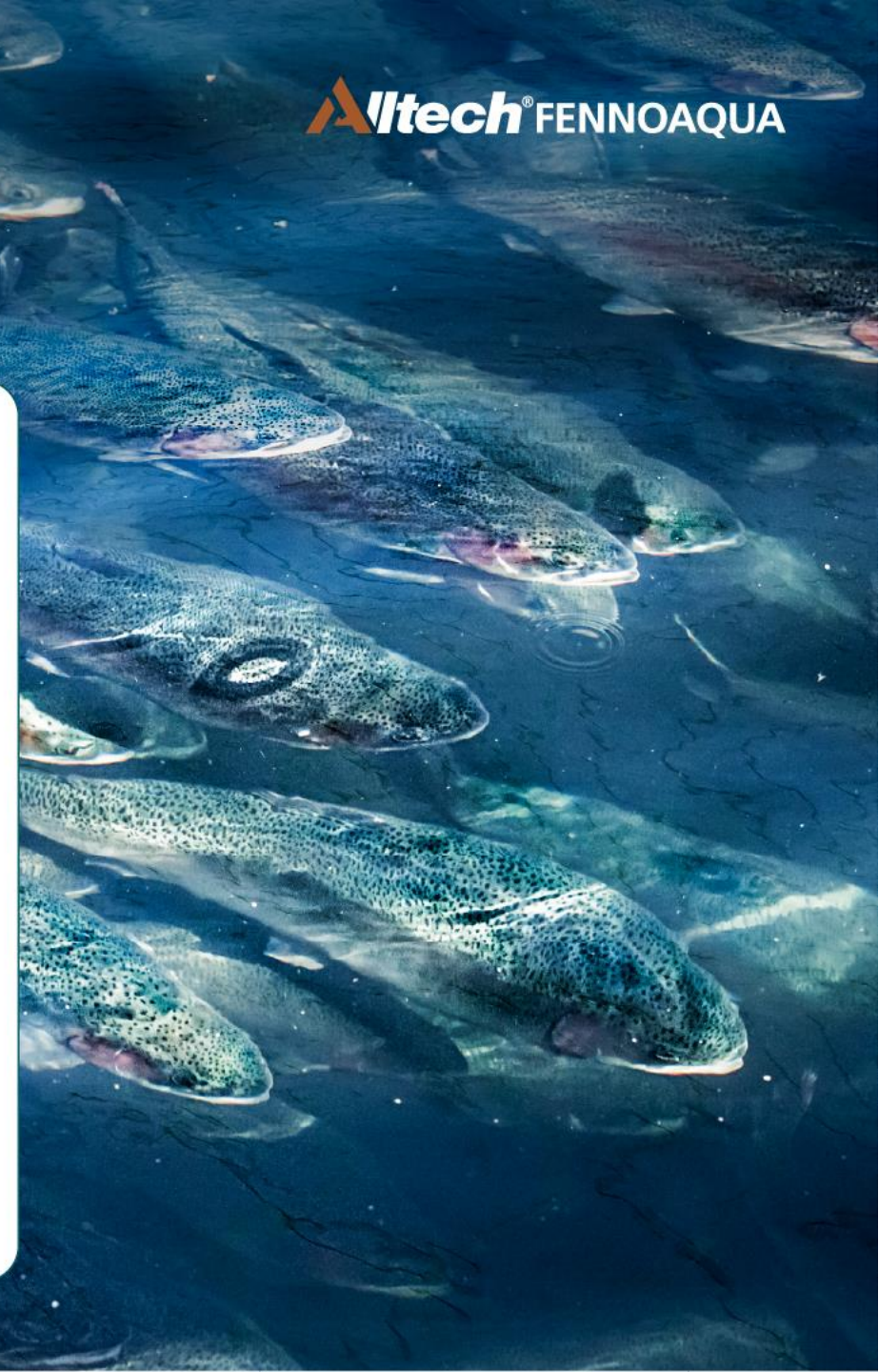
Alltech[®] FENNOAQUA

Developed for recirculating aquaculture

- Alltech Fennoaqua's Circuit RAS feed has been developed and tested in close cooperation with commercial rainbow trout RAS facilities over many years.
- The nutritional and technical properties of the feeds meet the requirements of modern RAS production.
- The special dietary fiber used as a raw material in Circuit feeds solidifies the feces and improves the water resistance of the feed. Circuit feeds therefore place as little strain on the recirculating aquaculture system as possible.
- Structurally durable feed pellets retain their shape and reduce organic load.

Production efficiency and good growth results

- High-quality and highly digestible protein raw materials and a precisely adjusted amino acid composition ensure production efficiency.
- Our net energy concept ensures that the energy available to the fish in the feed always remains constant. This guarantees a consistent and reliable growth result for the fish.
- The components of the Vital added value package included in our feeds support the resistance and well-being of fish, even in challenging farming conditions and high farming densities.



Circuit feeds

Specific characteristics of RAS farming



Continuously optimal growth conditions – more protein required

- Boosted by digestible, high-quality protein raw materials
- Boosted by the right amino acid composition



High density – high immunity required

- Supporting fish welfare at high farming densities
- Automatically supplied with the Vital added value package



Water quality as the focus – clean water and functional biofilters required

- Special dietary fibre modifies the faeces and increases the water stability of feeds
- Highly digestible raw materials

Circuit feeds

Key characteristics of Circuit feeds



Protein

- High protein content improves the rapid growth of fish. High-quality protein ensures excellent digestibility.



Amino acid composition

- Meets the nutritional needs of each species and supports the rapid growth of fish.



Vital added value package

- Aquate, high vitamin C and E content and the TOP3 welfare package support fish welfare and immunity.



Fat

- Reducing the fat content of the feed prevents excess fat deposition and improves product quality.



Special dietary fibre

- Solidifies the faeces and waste feed.

Our feeds meet the requirements of the ASC Freshwater Trout Standard.



CIRCUIT

Alltech Fennoaqua's rainbow trout feeds



Starter feeds

- Advance 0,2 - 0,3*
- Top 0,3 - 1*



Fry feeds

- Hercules Vital Plus 1,2 - 2,5

RAS feeds

- Circuit Vital 1,2 - 2,0



Grower feeds

- Hercules Vital 3,5 - 7
- Hercules Baltic 5 - 7
- Hercules Omega 7
- Hercules Nbalance 7
- Hercules EX 3,5 - 7

RAS feeds

- Circuit Vital 3
- Circuit 4,5 - 7
- Hercules EXR 3,5 - 7



Broodstock feeds

- Ova Vital 2,5 - 9

Product information

Circuit RAS feeds - rainbow trout

Product	RP %	RF %	P %	N %*	Asta mg	Vitamins C/E mg	Net Energy MJ/kg
Circuit Vital 1,2	52-54	17-19	1,15	8,32-8,64	5	800/450	
Circuit Vital 1,7	48-50	21-23	1,1	7,68-8,16	5	800/450	
Circuit Vital 2 5	47-49	23-25	1,00	7,52-7,84	5	800/450	
Circuit Vital 3 40	45-47	25-27	0,95	7,20-7,52	40	800/450	
Circuit 4,5 80	42-44	27-29	0,90	6,72-7,04	80	500/300	16,2
Circuit 7 80	42-44	27-29	0,90	6,72-7,04	80	500/300	16,2

*Typical nitrogen content

Product information

Hercules EXR /EXR WE RAS feeds -rainbow trout

Product	RP %	RF %	P %	N %	Asta mg	Vitamins C/E mg	Digestible energy MJ/kg
Hercules 3,5 EXR 0	43	29	0,90	6,88	0	500/300	22,4
Hercules 3,5 EXR 0 WE	43	29	0,90	6,88	0	500/300	22,3
Hercules 3,5 EXR 5	43	29	0,90	6,88	5	500/300	22,3
Hercules 3,5 EXR 5 WE	43	29	0,90	6,88	5	500/300	22,2
Hercules 5 EXR 0	40	30	0,80	6,40	0	500/300	22,2
Hercules 5 EXR 0 WE	40	30	0,80	6,40	0	500/300	22,3
Hercules 5 EXR 5	40	30	0,90	6,40	5	500/300	22,2
Hercules 5 EXR 5 WE	40	30	0,80	6,40	5	500/300	22,2
Hercules 5 EXR 60	40	30	0,90	6,40	60	500/300	22,2
Hercules 5 EXR 80 WE	40	30	0,80	6,40	80	500/300	22,4
Hercules 7 EXR 80	40	30	0,90	6,40	80	500/300	22,2
Hercules 7 EXR 80 WE	40	30	0,80	6,40	80	500/300	22,3

Alltech Fennoaqua's whitefish feeds



Starter feeds

- Advance 0,2 - 0,3*
- Top 0,3 - 1*



Grower feeds

- Hercules Vital Plus 1,2
- Silver Vital Opti 1,7
- Silver Vital Opti 2,5
- Silver Vital Opti 3,5
- Silver Vital Opti 5



Broodstock feeds

- Ova Vital 2,5
- Ova Vital 3,5
- Ova Vital 5
- Ova Vital 7
- Ova Vital 9



RAS feeds

- Circuit Vital 1,2
- Circuit Vital 1,7
- Circuit Silver Opti 2,5
- Circuit Silver Opti 3,5

Product information

RAS feeds – whitefish

Product	RP %	RF %	P %	N %	Vitamins C/E mg	Digestible energy MJ/kg
Circuit Vital 1,2	53	18	1,15	8,48	800/450	20,4
Circuit Vital 1,7	49	22	1,10	7,84	800/450	20,9
Circuit Silver Opti 2,5	48	17	0,90	7,68	1000/450	19,6
Circuit Silver Opti 3,5 / 5	47	18	0,80	7,52	1000/450	20,0