

Aquatic 4

Expansé

ESPECES APPROPRIÉES ET APPLICATIONS APPLI CATIONS

Amphibiens, poissons non tropicaux, certains reptiles et truites.

AVANTAGES NUTRITIONNELS

- Contient des niveaux élevés et stables de vitamine C essentiels pour une croissance normale des poissons.
- Granulés expansés, qui flottent pendant une courte durée avant de couler, réduisant ainsi les pertes et la contamination de l'eau

RECOMMANDATIONS ALIMENTAIRES

L'aliment aquatic doit être distribué à volonté.

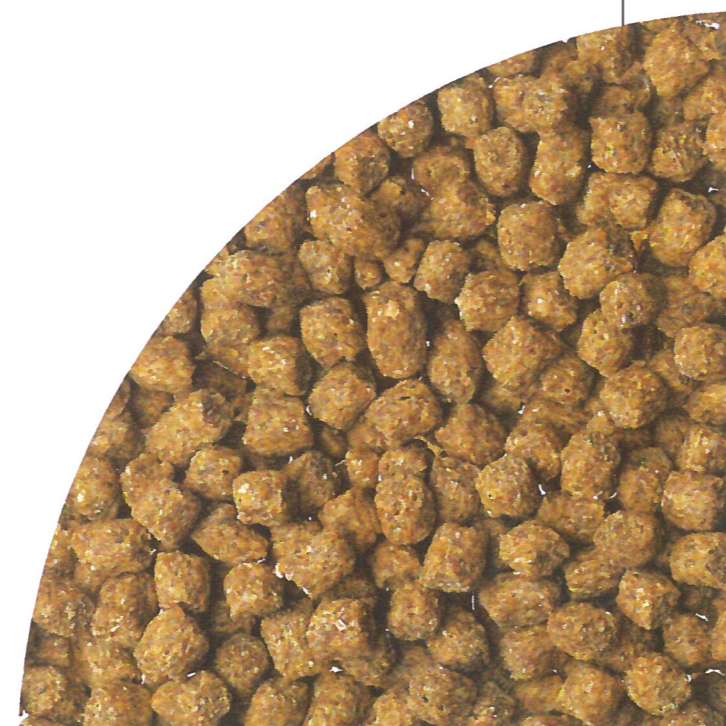
REFERENCES

| Aliment | Forme | Code Produit |
|----------|-------------|-----------------|
| Standard | | |
| AQ4 (E) | Expansé 8mm | 856400 |

- Tous les régimes standards sont disponibles avec une analyse complète sur demande.

INGREDIENTS

Blé, farine de poisson, tourteau de soja, poudre de viande de volaille, graisse de poulet, mélasse, acides aminés, prémélange de vitamines et de minéraux.



Email: france@sdsdiets.com

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NUTRIENTS

| | Total | Supp (9) |
|---------------------------|-------|----------|
| Proximate Analysis | | |
| Moisture (1) | % | 10.00 |
| Crude Oil | % | 6.57 |
| Crude Protein | % | 38.29 |
| Crude Fibre | % | 2.32 |
| Ash | % | 9.03 |
| Nitrogen Free Extract | % | 33.65 |

Digestibility Co-Efficients (7)

| | | |
|--------------------------|---|-------|
| Digestible Crude Oil | % | 5.99 |
| Digestible Crude Protein | % | 35.09 |

Carbohydrates, Fibre and Non Starch Polysaccharides (NSP)

| | | |
|---------------------|---|-------|
| Total Dietary Fibre | % | 6.14 |
| Pectin | % | 0.70 |
| Hemicellulose | % | 3.05 |
| Cellulose | % | 1.97 |
| Lignin | % | 0.42 |
| Starch | % | 24.80 |
| Sugar | % | 4.60 |

Energy (5)

| | | |
|-------------------------------|-------|-------|
| Gross Energy | MJ/kg | 16.48 |
| Digestible Energy (15) | MJ/kg | 14.47 |
| Metabolisable Energy (15) | MJ/kg | 13.27 |
| Atwater Fuel Energy (AFE) (8) | MJ/kg | 14.50 |
| AFE from Oil | % | 17.05 |
| AFE from Protein | % | 44.15 |
| AFE from Carbohydrate | % | 38.80 |

Fatty Acids

Saturated Fatty Acids

| | | |
|----------------|---|------|
| C12:0 Lauric | % | 0.07 |
| C14:0 Myristic | % | 0.21 |
| C16:0 Palmitic | % | 1.13 |
| C18:0 Stearic | % | 0.21 |

Monounsaturated Fatty Acids

| | | |
|-------------------|---|------|
| C14:1 Myristoleic | % | |
| C16:1 Palmitoleic | % | 0.22 |
| C18:1 Oleic | % | 2.22 |

Polyunsaturated Fatty Acids

| | | |
|------------------------|---|------|
| C18:2(ω6) Linoleic | % | 1.07 |
| C18:3(ω3) Linolenic | % | 0.16 |
| C20:4(ω6) Arachidonic | % | 0.49 |
| C22:5(ω3) Clupanodonic | % | 0.17 |

Amino Acids

| | | |
|---------------|---|------|
| Arginine | % | 2.69 |
| Lysine (6) | % | 2.44 |
| Methionine | % | 0.71 |
| Cystine | % | 0.54 |
| Tryptophan | % | 0.42 |
| Histidine | % | 0.95 |
| Threonine | % | 1.55 |
| Isoleucine | % | 1.81 |
| Leucine | % | 2.89 |
| Phenylalanine | % | 1.69 |
| Valine | % | 1.89 |
| Tyrosine | % | 1.29 |
| Taurine | % | |
| Glycine | % | 3.47 |
| Aspartic Acid | % | 3.02 |

NUTRIENTS

| | Total | Supp (9) |
|----------------|-------|----------|
| Glutamic Acid | % | 5.82 |
| Proline | % | 1.85 |
| Serine | % | 1.67 |
| Hydroxyproline | % | 0.30 |
| Hydroxylysine | % | 0.02 |
| Alanine | % | 0.35 |

Macro Minerals

| | | | |
|----------------------|---|------|------|
| Calcium | % | 2.44 | 0.23 |
| Total Phosphorus | % | 1.33 | 0.04 |
| Phytate Phosphorus | % | 0.14 | |
| Available Phosphorus | % | 1.19 | 0.04 |
| Sodium | % | 0.27 | |
| Chloride | % | 0.35 | |
| Potassium | % | 0.84 | |
| Magnesium | % | 0.17 | |

Micro Minerals

| | | | |
|-----------|-------|---------|--------|
| Iron | mg/kg | 226.26 | 31.60 |
| Copper | mg/kg | 17.03 | 6.26 |
| Manganese | mg/kg | 68.98 | 45.08 |
| Zinc | mg/kg | 83.53 | 52.03 |
| Cobalt | µg/kg | 503.54 | 399.15 |
| Iodine | µg/kg | 1842.59 | 279.08 |
| Selenium | µg/kg | 520.70 | 0.17 |
| Fluorine | mg/kg | 7.64 | |

Vitamins

| | | | |
|--|-------|----------|----------|
| β-Carotene (2) | mg/kg | 0.09 | |
| Retinol (2) | µg/kg | 4503.17 | 4500.19 |
| Vitamin A (2) | iu/kg | 15009.95 | 15000.62 |
| Cholecalciferol (3) | µg/kg | 172.76 | 60.00 |
| Vitamin D (3) | iu/kg | 6910.53 | 2400.00 |
| α-Tocopherol (4) | mg/kg | 152.03 | 140.95 |
| Vitamin E (4) | iu/kg | 167.23 | 155.05 |
| Vitamin B ₁ (Thiamine) | mg/kg | 12.74 | 9.81 |
| Vitamin B ₂ (Riboflavin) | mg/kg | 15.46 | 11.76 |
| Vitamin B ₆ (Pyridoxine) | mg/kg | 20.28 | 13.73 |
| Vitamin B ₁₂ (Cyanocobalamin) | µg/kg | 105.35 | 75.00 |
| Vitamin C (Ascorbic Acid) (16) | mg/kg | 52.52 | 52.52 |
| Vitamin K (Menadione) | mg/kg | 71.55 | 71.55 |
| Folic Acid (Vitamin B ₉) | mg/kg | 5.33 | 2.94 |
| Nicotinic Acid (Vitamin PP) (6) | mg/kg | 79.74 | 27.54 |
| Pantothenic Acid (Vitamin B ₅) | mg/kg | 23.65 | 11.63 |
| Choline (Vitamin B ₄) | mg/kg | 1891.85 | 0.21 |
| Inositol | mg/kg | 1509.27 | 6.30 |
| Biotin (Vitamin H) (6) | µg/kg | 458.12 | 230.42 |

Notes

- All values are calculated using a moisture basis of 10%. Typical moisture levels will range between 9.5 - 11.5%.
- a. Vitamin A includes Retinol and the Retinol equivalents of β-carotene
b. Retinol includes the Retinol equivalents of β-carotene
c. 0.48 µg Retinol = 1 µg β-carotene = 1.6 iu Vitamin A activity
d. 1 µg Retinol = 3.33* iu Vitamin A activity
e. 1 iu Vitamin A = 0.3 µg Retinol = 0.6 µg β-carotene
f. The standard analysis for Vitamin A does not detect β-carotene
- 1 µg Cholecalciferol (D₃) = 40.0 iu Vitamin D
- 1 mg all-rac-α-tocopherol = 1.1 iu Vitamin E activity
1 mg all-rac-α-tocopherol acetate = 1.0 iu Vitamin E activity
- 1 MJ = 239.23 Kcalories = 239.23 Calories = 239,230 calories
- These nutrients coming from natural raw materials such as cereals may have low availabilities due to the interactions with other compounds.
- Based on in-vitro digestibility analysis.
- AF Energy = Atwater Fuel Energy = ((CO%/100)*9000) + ((CP%/100)*4000) + ((NFE%/100)*4000)/239.23
- Supplemented nutrients from manufactured and mined sources.
- Calculated.
- Supplemented Vit. C as Ascorbyl Polyphosphate.