FOURCID

Gut microbial regulators

FOURCID

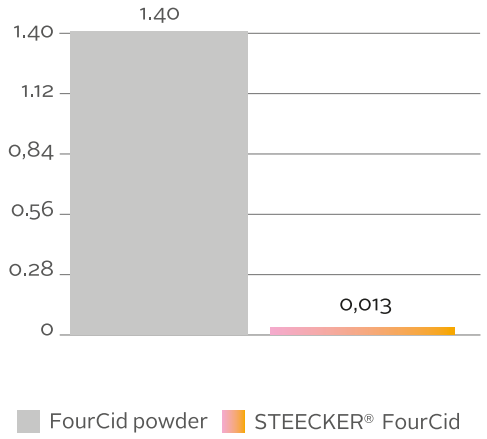
steecker
Granulation Technology

Steecker Fourcid is a Anti-Bacterial synergistic dry Acid Mixture in granulated form: it works against gram negative Bacteria, e.g. Salmonella & E-Coli. Reducing the Buffering Capacity of Feed, Increasing Growth and Improving Animal Performance.
Steecker Fourcid contains Formic Acid, Lactic Acid, Acetic Acid, Citric Acid. During the usage of Steecker products the level of exposition of workers to pollutants is absolutely negligible so that there is no need neither for air exhaust ventilation nor for protection masks during this manufacturing phase.
Level: 1-10 Kg/Ton in feed for poultry and swine.
Packing: 25 Kg Multilayer Paper bags with PE inner liner; 1000 Kg Big Bags.

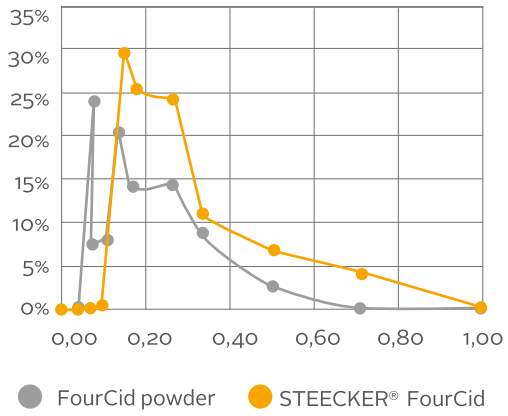
FEATURES	BENEFITS
Formic acid	Effective against bacteria (Gram-) and yeast at low concentration, reduces buffering capacities
Lactic acid	Antibacterial, synergic action with other antimicrobial substances, supply energy, increase pancreatic output
Acetic acid	Pleasant taste, must work in presence of other organic acids.
Citric acid	Synergies with formic acid for antimicrobial activity.

TECHNICAL SPECIFICATIONS		
Formic Acid (85%)	min.	50%
Lactic Acid (80%)	min.	12,5%
Acetic Acid (80%)	min.	4%
Citric Acid (99%)	min.	7,5%
Calcium	min.	20%

Respirable dust concentration mg/m³ (UNICHIM O.M.A 1998:13)



Distibution by size



STEECKER FOURCID PROPERTIES			
Characterization	Measure Unit	Steecker Fourcid	Dust Control
Bulk density	g/cm³	0,76	0,85
Tapped density	g/cm³	0,83	0,99
Carr Index	absolute value	8,46	14,10
Hausner ratio	absolute value	1,09	1,16
Angle of repose	degrees	28,19°	32,27°

STANDARD REFERENCE VALUES			
Hausner Ratio	Carr Index	Angle of repose	Evaluation
1,00 – 1,11	<10	25-30	Excellent
1,12 – 1,18	11-15	31-35	Good
1,19 – 1,25	16-20	36-40	Fair
1,26 – 1,34	21-25	41-45	Acceptable
1,35 – 1,45	26-31	46-55	Poor
1,46 – 1,59	32-37	56-65	Very poor
>1,60	>38	>66	Very very poor

Certified B Corporation — This company meets the highest standards of social and environmental impact

FAMI-QS

QS. Ihr Prüfsystem für Lebensmittel.

CERTIFIED QUALITY MANAGEMENT SYSTEM CQY CERTIQUALITY UNI EN ISO 9001:2015

CERTIFIED TRACEABILITY IN THE FEED AND FOOD CHAIN CQY CERTIQUALITY UNI EN ISO 22005:2008

GRUPPO Farmer® Industry Special Premix

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