

Specification

Technical Data Sheet

CAS**69430-36-0****STORAGE****Ambient****MOLECULAR WEIGHT****173.39****PRODUCT****Hydrolysed keratine**

Product number	89991525
CAS number	69430-36-0
Molecular formula	C ₂ H ₂ BrClO ₂
Molecular weight	173.39 g/mol

PARAMETER**SPECIFICATION**

Appearance	White to off white fine powder
Heavy metals	10ppm max
Loss on Drying	1.0% max
Salmonella	negative/25g
Total plate count	1000 cfu/g max
Assay (Titration)	95% min
Bulk density	0.35g/ml min
Cadmium (Cd)	1.0 ppm max
Isoleucine (HPLC)	22.5% - 27.5%
Leucine (HPLC)	45.0% - 55.0%
Particle Size	90% min through 80 mesh
Residue on Ignition	1.0% max
Sunflower Lecithin	0.5% - 1.0%
Tapped Density	0.50g/ml min
Valine (HPLC)	22.5% - 27.5%
Arsenic (As)	1ppm max

PARAMETER	SPECIFICATION
E. Coli	negative
Lead (Pb)	3.0 ppm max
Mercury (Hg)	0.1 ppm max
Mould & Yeast	100 cfu/g max

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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