



**Buckton
Scott
Deutschland**

Specification	DATE:	30.12.2024
L-Phenylalanine	TEST METHOD:	FCC8

Item	Specification
CAS no.	63-91-2
Identification (Infrared Absorption)	Conforms
Appearance	White to off-white crystals or crystalline powder
Assay	98.5% - 101.5%
Specific rotation $[\alpha]_{D20}^{\circ}C$	-33.2° ~ -35.2°
pH value	5.4 ~ 6.0
Loss on drying	≤0.2%
Residue on Ignition	≤0.1%
Bulk density	0.40-0.55g/ml
Tapped density	≥0.60g/ml
Heavy metals	≤15ppm
Lead	≤3ppm
Cadmium	≤1ppm
Mercury	≤0.1ppm
Arsenic	≤1ppm
Particle size	≥95% Pass Through 40 mesh
Microbiological Limits	
Total Plate Count	≤1000cfu/g
Yeasts & molds	≤100cfu/g
E.coli	Negative/25g
Salmonella	Negative/25g
Storage condition	Dry and dark in closed container
Packing	25kg/Fiber Drum
Inner Liner	Double PE bags
Country of Origin	China
Source of raw materials	Non-Animal
Shelf life	2 years from date of production if stored under recommended conditions in original packaging

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

Buckton Scott Deutschland GmbH
Bankplatz 1a
38100 Braunschweig, Germany
Phone +49 (0)5316 183 82-0
E-mail info@bucktonscott.de
www.bucktonscott.de
www.buckton-bio.de

Geschäftsführer Christian Hanke
St.-Nr. 14/213/08018
Amtsgericht Braunschweig
HRB 20 33 17



DE-ÖKO-039
EU/non-EU
Agriculture

