

1136 – DL – VALINE

REF NO: TBL/QA/SS/LC/1136	STANDARD SPECIFICATION FOR DL - VALINE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date: 15/11/2021		Product code: 1136

PRODUCT PROPERTIES

C.A.S Number	516-06-3
Chemical Formula	C ₅ H ₁₁ NO ₂
Formula weight	117.15
Functional Uses	DL- Valine is used in the preparation of amino acid supplements as It promotes muscle growth and tissue repair. It is also used as precursor in the penicillin biosynthetic pathway.
Standard Packaging	25 gm. & 100 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
LOD	NMT – 0.05%
Chloride (Cl)	NMT – 0.005%
Calcium (Ca)	NMT – 0.005%
Assay	NLT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

