

L-Prolin Analiz Sertifikası

Ürün Adı : L-Prolin

Cas No : 147-85-3

Molekül Formülü : C₅H₉NO₂

Product name	L-Proline	Product type	Type A	Carried standard	AJ197 GB29938
Batch No.	2231203	Quantity(T)	0.5	Pack size	25KG
Production date	2023/12/03	Test date	2023/12/03	Expiry date	2025-12-02
Test items and results					
Test item	Test method	Specification	Result	Judgment	
Sensory test	USP	Whitish crystals or crystal powder, Slightly smelly, Taste sweet	Conform	Qualified	
(%) Assay(dry content)	USP	98.5~101.0	100.0	Qualified	
Specific rotation[α] _{D20}	USP	-84.5~-86.0	-85.0	Qualified	
干燥失重/ (%) Loss on Drying	USP	≤0.3	0.04	Qualified	
Residue on ignition	USP	≤0.1	0.05	Qualified	
Chloride(as CL ⁻)	USP	≤0.02	<0.02	Qualified	
(%) Sulfate(as SO ₄ ²⁻)	USP	≤0.02	<0.02	Qualified	
(%) Other amino acids	USP	Negative	Negative	Qualified	
PH/ PH	USP	5.9~6.9	6.22	Qualified	
(%) Ammonium Salt	USP	≤0.02	<0.02	Qualified	
(%) Iron salt	USP	≤0.001	<0.001	Qualified	
(mg/kg)	GB5009.74	≤10	<10	Qualified	

Heavy metals(as Pb)				
(mg/kg) Total Arsenic(as As)	GB5009.11	≤3	<3	Qualified
(%) Arsenic salt(as As2O3)	Chinese pharmacopoeia	≤0.0001	<0.0001	Qualified
(CFU/g) Total plate count	GB4789.2	≤1000	<1000	Qualified
(MPN/g) Coliforms	GB4789.3	≤3	<3	Qualified
(CFU/g) Mould/Yeast	GB4789.15	≤100	<100	Qualified
salmonella	GB4789.4	Negative	Negative	Qualified
Remarks				
Net weight		Up to the standard		Below standard
Package		Up to the standard		Below standard
Conclusion			Conform	

Not: Bu belge üzerindeki spesifikasyonlar, üretici tarafından yapılan analiz sonuçlarındaki değerlerle bire bir aynıdır.