



希杰（沈阳）生物科技有限公司  
 中国辽宁省沈阳市沈北新区  
 裕农路38号  
 韩国CJ集团提供技术

CJ (SHENYANG) BIOTECH CO., LTD.  
 38 YUNONG ROAD SHENBEI N. DIST.  
 SHENYANG - LIAONING PR CHINA  
 UNDER THE LICENSE OF CJ CORP. KOREA

CJR-07-064

# 分析证明书

## CERTIFICATE OF ANALYSIS

根据 Q/S CJS 05-2019 饲料级 L-缬氨酸  
 产品 : L-缬氨酸  
 化学式 :  $C_5H_{11}NO_2$   
 生产日期 : 2019年7月15日  
 批号 : DFAF190715  
 有效期 : 2021年7月14日

According to Q/S CJS 05-2019 Feed Grade L-Valine  
 Product : L-Valine  
 Chemical formula :  $C_5H_{11}NO_2$   
 Production date : Jul. 15, 2019  
 Lot No. : DFAF190715  
 Expiration : Jul. 14, 2021  
 PO NO. : 5600232935

性质 Properties	单位 Units	目标值 Target Values	分析数据 Analytical Data	判定 Determinant
感官指标 (Sensory indicators)	-	白色或灰白色结晶性粉末 (white to off-white crystalline powder)	正常 Normal	合格 (Pass)
L-缬氨酸(以干基计) L-Valine(dry basis)	%	Min. 98.0	98.4	合格 (Pass)
干燥失重 (Loss on drying)	%	Max. 1.5	0.19	合格 (Pass)
P H	-	4.0~7.0	5	合格 (Pass)
灼烧残渣ASH (Ignition residue)	%	Max. 0.5	0.04	合格 (Pass)

CONTAINER NO	QUANTITY	CONTAINER NO	QUANTITY
CSNU1252769	9.55MT		

以下签名证明了上面提及的内容与技术部门的分析鉴定结果真实一致。

The undersigned affirms that the content mentioned above is truly reported in accordance with the analysis of Technical Department.



The above parameters are the analytic results of CJ(shenyang) plant products made at the manufacturing date and the date of delivery. This certificate is strictly prohibited being used for other purposes such as advertisements, litigation cases, etc.