CERTIFICATE OF ANALYSIS

Product Name:	4-Amino-3-phenylbutyric acid hydrochloride		
CAS No.:	1078-21-3	Quantity	50 kg
Rep Date	Sep 16.2019	Batch NO.	20190916
MFG. Date	Sep 16.2019	Expiry Date	Sep 15.2021

Item	Specifications	Results
Appearance	White to off-white crystalline powder	Comlies
Identification	1.2(+)	Comlies
Relative material	≤ 0.1%	0.02%
Melting point	194.0~202.0 ℃	199.5~200.5℃
PH	2.3~2.7	2.4
Clarity of solution	≤ 1#	Conforms
Iron	≤ 0.005%	Conforms
Loss on drying	≤ 0.5%	0.12%
Residue on ignition	≤ 0.1%	0.05%
Heavy metal μ g/g	≤ 10	＜10
Assay	≥ 99.0%	99.9%
Conclusion	The results conforms with Enterprise standards	

Analyst:Wangyong Checker:Zhaoming Q.C.Director:Wenchuanzhi