

No.: BPAC-640-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Boc-D-Alaninol	Cas No.	106391-86-0
Batch No.	A010364019A	Mfg. Date	Mar. 08, 2019
Quantity	10kg	Retest Date	Mar. 07, 2021
Packing	10kg/Drum	Report Date	Mar. 13, 2019
Specification	98%		

ITEM	SPECIFICATION	RESULT
Apperance	White or white crystalline powder	Complies
Melting Point	50~70°C	60.1-60.86°C
Specific Rotation	+9°~+12°	9.6°
Clarity of Solution	0.3gram in 2ml MeOH clear solution	Complies
Water Content	1.0%	0.41%
IR Spectrum	In accordance with the standard	Complies
Mass Spectrum	In accordance with the standard	Complies
NMR Spectrum	In accordance with the standard	Complies
Purity(HPLC)	98%	98.97%
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: