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CERTIFICATE OF ANALYSIS

Name	L-Prolinol	CAS	23356-96-9
Batch No.	20180421	Quantity	250 Kgs
Mfg. Date	2018-04-21	Expiry Date	2020-04-20
Date of Analysis	2018-05-25	Packing	25 Kgs/Drum

Test content:

Item	Inspection Standard	Result
Appearance	colorless or slightly yellow Liquid	Complies
Miscibility	Miscible with Methanol	Complies
Identification	GC method	Complies
Specific Rotation (C=1.0%, Toluene)	+26.0 to +33.0°	+31.8°
Water Content(K.F.)	Not more than 1.5%	0.59%
Chromatographic purity by GC	Not less than 99.5%	99.62%
Total impurities	Not more than 0.5%	0.38%
Enantiomeric purity by HPLC	Not less than 99.5%	99.97%

Storage: Preserve in well-closed, air tight dry containers and store at 2~8°C.

Conclusion:It Complies with the Enterprise's Standard .

QC manager:02

Checked by:05

Analyst:08