

Certificate of Analysis

Product Name	(S)-3-(Methyl-amino)-1-(thiophene-2-yl)propan-1-ol	CAS Number	116539-55-0
Batch	20231201	Manufacture Date	2023/12/08
Pack	25kg/pc	Quantity	1
Expire Time	12 Months	Report Date	2023/12/09
Product Indicators			
SN	Term	Results	Standard
1	Appearance	Light yellow	Yellow to white powder
2	IR	accord with	The infrared absorption spectrum of the test sample should only display peaks at the identical wave numbers as those observed in a comparable preparation of the reference standard.
	HPLC	accord with	The retention time of the main peak in the sample's chromatogram corresponds to the retention time observed in the standard's chromatogram obtained during the assay.
3	Water content	0.05%	≤0.1%
4	Residue	0.05%	≤0.1%
5	Metal Residue	Not found	≤10ppm
6	Chiral purity	99.5%	≥99.0%
7	Related substances (By HPLC)		
	3-Methylamino-1-(thiophene-3-yl)-propanol-1-ol	Not found	≤0.25%
	3-Methylamino-1-(thiophene-2-yl)-propanol-1-ol	Not found	≤0.1%
	Total impurity	0.8%	≤1.0%
8	Assay (HPLC)	99.8%	98.0%~102.0%
9	Solvent Residue (GC)		
	Toluene	80ppm	≤890ppm
	Methanol	100ppm	≤500ppm

Storage condition: Store at room temperature.

Prepared Date 2023/12/07

Checked Date 2023/12/07

Approved Date 2023/12/08

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