

Certificate of Analysis

Date of Testing: 2025-06-11 15:13:35

Date of Next Testing: 2027-06-11 15:13:35

Product Name: (S)-(+)-2, 2-Dimethyl-4-(hydroxymethyl)-1, 3-dioxolane-p-toluenesulfonate

CAS Number: 23735-43-5

Specifications & Purity: $\geq 97\%$

Lot #: K2116457

SKU #: S133752

Version: 1

Analysis #: 522511

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in DMF})$	7-8 ($^{\circ}$)	7.50 $^{\circ}$
Purity(GC)	97-100 (%)	97.30 %
Appearance (S133752)	Colorless to Brown Liquid or White to Brown Solid	Colorless to Brown Liquid or White to Brown Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager