

## Daicel Chiral Technologies

### USP List of HPLC Columns

USP Code Column Name	USP Specification Analysis (Pending/Official)	Drug Chemical Name	Drug Brand Name
<b>L32</b> <b>CHIRALPAK® WH</b>	Limit of Organotin	Fluorodopa	FDOPA
<b>L40</b> <b>CHIRALCEL® OD</b> <b>CHIRALCEL OD-H</b> <b>CHIRALCEL OD-3</b>	Limit of efavirenz R-enantiomer Limit of atomoxetine S- enantiomer Limit of valsartan-related compound A Limit of irinotecan hydrochloride enantiomer Limit of duloxetine related Compound A Limit of R-isomer Enantiomeric Purity Enantiomeric Purity Limit of Lurasidone related Compound B Enantiomeric Purity Limit of specified impurities Enantiomeric Purity Limit of Rotigotine R-enantiomer Limit of (R,R) sertraline hydrochloride Limit of S-enantiomer Enantiomeric Purity	Efavirenz Atomoxetine Hydrochloride Amlodipine/Valsartan Irinotecan Hydrochloride  Duloxetine Hydrochloride Eszopiclone Fesoterodine Fumarate Levocetirizine Dihydrochloride Lurasidone Nabumetone Palonosetron Hydrochloride Rivaroxaban Rotigotine Sertraline Hydrochloride Tiagabine Hydrochloride Timolol Maleate	Sustiva Strattera Diovan Camptosar  Cymbalta Lunesta Toviaz Xyzal Latuda Relafen/Relifex Aloxi Xarelto Neupro Zoloft Gabitril Timoptic
<b>L41</b> <b>CHIRALPAK AGP</b>	Limit of ropivacaine-related compound B Limit of galantamine 4R, 8R-stereoisomer Limit of montelukast S-enantiomer Limit of tenofovir disoproxil-related compound Related Compounds Enantiomeric Purity Enantiomeric Purity  Enantiomeric Purity of Ropivacaine  Enantiomeric Purity Enantiomeric Purity Enantiomeric Purity Enantiomeric Purity	Ropivacaine Galantamine Hydrobromide Montelukast Sodium Tenofovir Disoproxil Fumarate  Benazepril Hydrochloride Dexmedetomidine Hydrochloride Esomeprazole Magnesium and Sodium Fentanyl Citrate and Ropivacaine Hydrochloride Montelukast Sodium Repaglinide Rivastigmine Tartrate Tolterodine Tartrate	Naropin Razadyne Singulair Viread  Lotensin Precedex Nexium  Naropin  Singulair Prandin Exelon/Prometax Detrol
<b>L51</b> <b>CHIRALPAK AD</b> <b>CHIRALPAK AD-H</b> <b>CHIRALPAK AD-3</b>	Limit of abacavir enantiomer Limit of levetiracetam R-enantiomer Limit of atorvastatin 3S,5S-stereomer Measurement of diastereoisomeric ratio Limit of paroxetine-related compound C Limit of brinzolamide-related compound A Enantiomeric Purity Enantiomeric Purity Stereoisomeric Composition Stereoisomeric Purity Enantiomeric Purity	Abacavir Sulfate Levetiracetam Atorvastatin Calcium Fulvestrant  Paroxetine Hydrochloride Brinzolamide Darifenacin Hydrochloride Aprepitant Aztec Gold Zeaxanthin Extract Brivaracetam Cinacalcet Hydrochloride	Ziagen Keppra Lipitor/Faslodex  Paxil Azopt Enblex Emend  Briviact Sensipar



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<b>L51</b> <b>CHIRALPAK AD</b> <b>CHIRALPAK AD-H</b> <b>CHIRALPAK AD-3</b>	Enantiomeric Purity Enantiomeric Purity Limit of Eletriptan S-enantiomer Enantiomeric Purity Limit of R-citalopram Enantiomeric Purity Diastereomeric Ratio Limit of lacosamide S-enantiomer Enantiomeric Purity Stereoisomeric Composition Enantiomeric Purity Stereoisomeric Purity Enantiomeric Purity Enantiomeric Purity Enantiomeric Purity Enantiomeric Purity Enantiomeric Purity Enantiomeric Purity	Dexchlorpheniramine Maleate Efavirenz Eletriptan Emtricitabine Escitalopram Oxalate Eslicarbazepine Acetate Fulvestrant Lacosamide Linezolid Meso-zeaxanthin Araminol Bitartrate Nebivolol Hydrochloride Pramipexole Dihydrochloride Sitagliptin Phosphate Solifenacin Succinate Tadalafil Tamsulosin Hydrochloride Tenofovir Disoproxil Fumarate	Polaramine Sustiva Relpax Emtriva Lexapro Aptiom/Zebinix Faslodex Vimpat Zyvox  Aramine Nebilet/Bystolic Mirapex Januvia Vesicare Cialis Flomax Vemlidy/Viread
<b>L66</b> <b>CROWNPAK® CR(+)</b>	Limit of valacyclovir D-isomer Enantiomeric Purity	Valacyclovir Hydrochloride Valganciclovir Hydrochloride	Valtrex Valcyte
<b>L70</b> <b>CHIRALCEL OC-H</b>	Limit of oxaliplatin-related compound D	Oxaliplatin	Eloxatin
<b>L75</b> <b>CHIRALPAK BSA</b>	Enantiomeric Purity	Methotrexate	Otrexup
<b>L79</b> <b>CHIRALPAK HSA</b>	Enantiomeric Purity	Calcium L-5- Methyltetrahydrofolate	Calcium Supplements
<b>L80</b> <b>CHIRALCEL OJ</b> <b>CHIRALCEL OJ-H</b> <b>CHIRALCEL OJ-3</b>	Limit of exemestane related compound D Limit of clopidogrel related compound C Enantiomeric Purity	Exemestane Clopidogrel Bisulfate Benzphetamine Hydrochloride	Aromasin Plavix Didrex/Recede



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<b>L90</b> CHIRALPAK AS CHIRALPAK AS-H CHIRALPAK AS-3	Enantiomeric Purity Enantiomeric Purity	Frovatriptan Succinate Levocetirizine Dihydrochloride	Frova Xyzal
<b>L93</b> CHIRALCEL OD-RH CHIRALCEL OD-3R	Organic Impurities	Ezetimibe	Zetia
<b>L99</b> CHIRALPAK IA CHIRALPAK IA-3	Enantiomeric Purity Limit of S enantiomer Limit of Silodosin enantiomer	Darifenacin Hydrobromide Armodafinil Silodosin	Enablex Nuvigil Rapaflo
<b>L107</b> CHIRALCEL OJ-RH CHIRALCEL OJ-3R	Enantiomeric Purity	Rosuvastatin Calcium	Crestor
<b>L108</b> CHIRALPAK CBH	Enantiomeric Purity	Epinephrine Bitartrat	EpiPen, Adrenalin
<b>L117</b> CROWNPAK CR(-)	Identification and Related compound	Lysine	Lysine
<b>L119</b> CHIRALPAK IC CHIRALPAK IC-3	Organic Impurities Organic Impurities Enantiomeric Purity	Ezetimibe and Simvastatin Chlorambucil Rivaroxaban	Vytorin Leukeran Xarelto
<b>L123</b> CHIRALCEL OZ CHIRALCEL OZ-3 CHIRALCEL OZ-H			
<b>L126</b> CHIRALPAK ID			
<b>L130</b> CHIRALCEL OD-R	Assay and Organic Impurities	Posaconazole	Noxafil
<b>L131</b> CHIRALPAK IE CHIRALPAK IE-3			



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## **Daicel Chiral Technologies USP List of HPLC Columns**

### **LOCATIONS:**

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