

CoreFocus
Report
No.167A

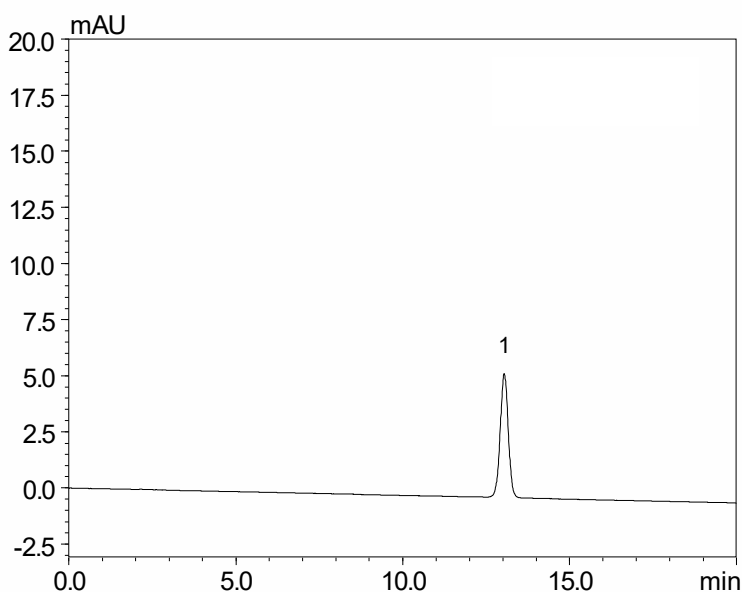
LC

Reversed-phase

Shim-pack Series

Shim-pack™ VP-phenyl
JP-Compliant Analysis of Impurities of
COVID-19 Drug Dexamethasone

Keywords: the item of Purity (2) Related compounds of the JP(Japanese Pharmacopoeia)



1. Dexamethasone (5.94 mg/L) :
Dexamethasone standard solution

System	: Nexera™ lite
Column	: Shim-pack VP-phenyl (250 × 4.6 mm I.D., 5 μm), P/N : 228-59928-92
Flow rate	: 1.15 mL/min
Mobile phase	: (ammonium) formate buffer (pH 3.6) */ acetonitrile=67:33 * 1.32 g/L of ammonium formate in water. Adjust with formic acid to a pH of 3.6.
Column temp.	: 25 °C
Injection volume	: 10 μL
Vial	: TORAST-H™ Glass Vial, 1.5mL Amber Glass with Cap & Septa (Shimadzu GLC), P/N : 370-04300-03
Detection	: UV 254 nm

Source : Application News L584 ([JP](#), [ENG](#))

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