

## Certificate of Analysis

<b>Product Name</b>	Dexamethasone	<b>Mfg. Date</b>	2020.06.22
<b>Batch No.</b>	KN0220062201	<b>Test Date</b>	2020.06.23
<b>CAS No.</b>	50-02-2	<b>Exp. Date</b>	2022.06.21

Items	Specifications	Results
<b>Appearance</b>	White or almost white crystalline powder	almost white crystalline powder
<b>Identification</b>	B.IR: the spectrum obtained with the sample should be consistent to that of the reference standard	Conforms
	C.TCL: the principal spot in the chromatogram obtained with test solution is similar in position and size to the principal spot in the chromatogram obtained with reference solution	Conforms
<b>Solubility</b>	Practically insoluble in water, sparingly soluble in anhydrous ethanol, slightly soluble in methylene chloride	Conforms
<b>Loss on drying</b>	≤0.5%	0.24%
<b>Specific optical rotation</b>	+75.0°~+80.0°	+75.9°
<b>Related substance</b>	Individual impurity ≤0.5%	0.12%
	Total impurities ≤1.0%	0.44%
<b>Assay</b>	97.0~103.0% (on dried substance)	98.9%
<b>Conclusion</b>	The product complies with EP6.0 QS-3154-02(1.0)	

<b>Packing description</b>	1kg/1tin/1box;5kg/1tin;10kg/2tin/1box
<b>Storage</b>	Preserve in tight, light-resistant containers.
<b>Shelf life</b>	2 years when properly stored