



CERTIFICATE OF ANALYSIS

PRODUCT NAME: LENALIDOMIDE

ITEMS	SPECIFICATIONS	RESULTS
APPEARANCE	Off-white to pale yellow powder	CONFORMS
IDENTIFICATION	NMR,HPLC	CONFORMS
SOLUBILITY	Slightly soluble in methanol and acetonitrile	CONFORMS
WATER	$\leq 4.0\%$	2.78%
RESIDUE ON IGNITION	$\leq 0.1\%$	0.06%
HEAVY METALS	$\leq 20\text{PPM}$	CONFORMS
Related substances(HPLC) Single impurity Total impurity	$\leq 0.5\%$ $\leq 1.0\%$	0.15% 0.57%
SOLVENTS RESIDUE	Methanol: $\leq 3000\text{PPM}$ Acetonitrile: $\leq 410\text{ PPM}$ CC14: $\leq 4\text{ PPM}$ THF: $\leq 720\text{PPM}$ DMF: $\leq 500\text{PPM}$	1000ppm Not detected Not detected 220ppm 300PPM
PURITY	$\geq 99.0\%$	99.4%