

ITEMS	SPECIFICATIONS	RESULTS
Description	White crystalline powder	White crystalline powder
Solubility	Freely soluble in water and in glacial acetic acid, practically insoluble in acetone and in alcohol.	Consistent with the standard
Identification	Infrared absorption spectrophotometry(2.2.24); IR spectrum is in concordance with gabapentin CRS	Consistent with the standard
pH	7.0~8.0	7.2
Related substances Liquid chromatography (2.2.29)	Impurity A: \leq 0.1%	<0.1%
	Impurity B: \leq 0.2%	<0.2%
	Any other impurity : \leq 0.1%	<0.1%
	All other impurity: \leq 0.2%	<0.2%
Heavy metals	\leq 10ppm	<10ppm
Chlorides	\leq 140ppm	<140ppm
Loss on drying	\leq 0.5%	0.38%
Sulphated ash	\leq 0.1%	<0.10%
Assay(C9H17NO2)	99.0~101.0%	99.80%