TIANCI

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SPECIFICATION

Niacinamide

Item	Specification
Appearance	White granule or crystalline powder, odourless or almost odourless
Melting point	128.0℃~131.0℃
Absorption coefficient (261nm)	417~443
Color reaction	Pass the test
Ultraviolet absorption	Max absorption at 261nm, Minimum absorption at 245nm and the A245/A261 is 0.63~0.67
Infrared absorption	The test sample atlas shall be consistent with the standard sample Atlas
PH (100g/L）	6.0~7.5
Clarity and color of solution	The solution should be clarified, if the color is lighter than the BY7 standard control solution
Carbonizable substances	Pass the test
Related substances	Pass the test
Loss on drying	≤0.5%
Ignition residue	≤0.1%
Assay ($C_6H_6N_2O$)	≥99.0%
Niacin	≤20mg/kg
Heavy metal (Pb)	≤2mg/kg
Chloride	≤70mg/kg
Sulfate	≤190mg/kg