

Vitamin B2-80%

Vitamin B2 (Riboflavin) Technical Data Sheet

Items	Standard	Result	
Chemical Formula :	C17H20N4O6		
Character	Yellow to Oranger-yellow free flowing particle	Yellow free flowing particle	
Assay (on dry material)	77.8-84.0%	81.3%	
Identification positive	Must comply	Conforms	
Particle size	Sieve 99% pass through 0.28mm normal sieve	Conforms	
Loss on drying	≤3.0%	1.7%	
Residue on ignition	≤5%	3%	
volatilizable impurity of Organic	Must comply	Conforms	
Bulk density	450-500	500	
Specific rotation ([α] _D)	-115°~-135°		
Pb/ (mg/kg)	≤10.0	9.6	
As/ (mg/kg)	≤3.0	2.1	
organic volatile impuritie(mg/kg)	Benzene	2	1.7
	Trichloromethane	60	51
	1,4-dioxane	380	370
	Methylene dichloride	600	570
	Trichloroethylene	80	77
Inspection conclusion	According to 《Feed additive-Riboflavin flowing particle》 GB/T 18632-2002 assay, conforms.		