

Product Specification

KURARAY POVAL™ 5-88 FA

Product name: KURARAY POVAL™ 5-88 FA

Manufacture: Kuraray Europe GmbH (KEG)

Characteristic: Polyvinyl alcohol which will meet specification for INS No. 1203 by the Joint FAO/WHO Expert Committee on Food Additives (JECFA)

Specification:

parameter	unit	value	test method
loss on drying	weight %	< 5.0	KURARAY G-SOP
viscosity	mPa·s	4.8 - 5.8	KURARAY G-SOP
pH		5.0 - 6.5	KURARAY G-SOP
degree of hydrolysis	mol %	86.5 - 89.0	KURARAY G-SOP
Methanol content	weight %	< 1.0	Kuraray method, HS-GC
methyl acetate content	weight %	< 1.0	Kuraray method, HS-GC
ash content as Na ₂ O	weight %	< 0.37%	KURARAY G-SOP
Water insoluble substances	weight %	< 0.1	Kuraray method
Lead (Pb) content	mg / kg (ppm)	< 2.0	ISO method, atomic absorption analysis

Material produced according to KEG regulations for GMP (food/feed additive)

Test methods in use based on Kuraray methods.

For viscosity measurement Brookfield or falling ball viscometer is used.