

PRODUCT IDENTITY

PRODUCT NAME	(2-Hydroxypropyl)- β -cyclodextrin (HP- β -CD)	PRODUCT NUMBER	H108813
Grades & Purity	$\geq 97\%$	VERSION	3
CAS NUMBER	128446-35-5	FORMULA	
FORMULA WEIGHT	g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(HPLC)	97-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	120-135 (°)
Water by Karl Fischer	0-7.5 (%)
Appearance (H108813)	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure
Solubility in H ₂ O , Colorless to Very Faint Yellow, Clear, 2g plus 5ml	pass
Molar substitution degree	0.4-1.5