

PRODUCT IDENTITY

PRODUCT NAME	Creatine monohydrate	PRODUCT NUMBER	C105702
Grades & Purity	≥98%	VERSION	3
CAS NUMBER	6020-87-7	FORMULA	C ₄ H ₉ N ₃ O ₂ · H ₂ O
FORMULA WEIGHT	149.15g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(Titration by HClO ₄ (calcd.on anh.substance)	98-102 (%)
Ignition Residue (as sulfate)	0-0.1 (%)
Loss on drying	6-13 (%)
Creatinine	0-0.5 (%)
Dicyandiamide	0-0.5 (%)
Purity(HPLC)	98-100 (%)
Appearance (C105702)	White to Off-White Powder
Clear colorless solution(50mg/ml,water)	pass
Proton NMR spectrum	Conforms to Structure