Glentham LIFE SCIENCES

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Product Specification

Molecular Weight Molecular Formula Storage Temp.115.13 $C_5H_9NO_2$ +20°CSpecificationPropertySpecificationPhysical DescriptionWhite crystals or crystalline powderAssay99.0 - 101.0 % (anhydrous)Identification (IR)To conform to standardResidue on Ignition $\leq 0.1\%$ Chloride (CI) $\leq 0.05\%$ Sulphate (SO4) $\leq 0.03\%$ Iron (Fe) $\leq 30ppm$ Heavy Metals (as Pb) $\leq 10ppm$ Organic Impurities $\leq 10ppm$ Specific Optical Rotation $= 84.586.0^{\circ}$ Loss on Drying $\leq 0.4\%$		
Physical DescriptionWhite crystals or crystalline powderAssay99.0 - 101.0 % (anhydrous)Identification (IR)To conform to standardResidue on Ignition≤ 0.1%Chloride (Cl)≤ 0.05%Sulphate (SO4)≤ 0.03%Iron (Fe)≤ 30ppmHeavy Metals (as Pb)≤ 10ppmOrganic ImpuritiesAny Individual Impurity: ≤ 0.5%Specific Optical Rotation-84.586.0 °Loss on Drying≤ 0.4%	htham Code GM1129 S Number 147-85-3 ECS 205-702-2 L Number MFCD000 Chem SID 31027925 ecular Weight 115.13 ecular Formula C ₅ H ₉ NO ₂	ОН
Assay99.0 - 101.0 % (anhydrous)Identification (IR)To conform to standardResidue on Ignition $\leq 0.1\%$ Chloride (Cl) $\leq 0.05\%$ Sulphate (SO4) $\leq 0.03\%$ Iron (Fe) $\leq 30ppm$ Heavy Metals (as Pb) $\leq 10ppm$ Organic ImpuritiesAny Individual Impurity: $\leq 0.5\%$ Specific Optical Rotation $=84.586.0^{\circ}$ Loss on Drying $\leq 0.4\%$	perty	Specification
Identification (IR)To conform to standardResidue on Ignition< 0.1%	vsical Description	White crystals or crystalline powder
Residue on Ignition ≤ 0.1% Chloride (Cl) ≤ 0.05% Sulphate (SO4) ≤ 0.03% Iron (Fe) ≤ 30ppm Heavy Metals (as Pb) ≤ 10ppm Organic Impurities Any Individual Impurity: ≤ 0.5% Total impurities: ≤ 2.0% =84.586.0 ° Loss on Drying ≤ 0.4%	ay	99.0 - 101.0 % (anhydrous)
Chloride (Cl)≤ 0.05%Sulphate (SO4)≤ 0.03%Iron (Fe)≤ 30ppmHeavy Metals (as Pb)≤ 10ppmOrganic ImpuritiesAny Individual Impurity: ≤ 0.5% Total impurities: ≤ 2.0%Specific Optical Rotation-84.586.0 °Loss on Drying≤ 0.4%	ntification (IR)	To conform to standard
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Iron (Fe) ≤ 30ppm Heavy Metals (as Pb) ≤ 10ppm Organic Impurities Any Individual Impurity: ≤ 0.5% Total impurities: ≤ 2.0% Total impurities: ≤ 2.0% Specific Optical Rotation -84.586.0 ° Loss on Drying ≤ 0.4%	oride (Cl)	≤ 0.05%
Heavy Metals (as Pb) ≤ 10ppm Organic Impurities Any Individual Impurity: ≤ 0.5% Total impurities: ≤ 2.0% Total impurities: ≤ 2.0% Specific Optical Rotation -84.586.0 ° Loss on Drying ≤ 0.4%	phate (SO4)	≤ 0.03%
Organic Impurities Any Individual Impurity: ≤ 0.5% Total impurities: ≤ 2.0% Specific Optical Rotation -84.586.0 ° Loss on Drying ≤ 0.4%	ı (Fe)	≤ 30ppm
Total impurities: ≤ 2.0% Specific Optical Rotation -84.586.0 ° Loss on Drying ≤ 0.4%	avy Metals (as Pb)	≤ 10ppm
Specific Optical Rotation -84.586.0 ° Loss on Drying ≤ 0.4%	anic Impurities	Any Individual Impurity: ≤ 0.5%
Loss on Drying $\leq 0.4\%$		Total impurities: ≤ 2.0%
	ecific Optical Rotation	-84.586.0 °
Lead (Pb) ≤ 3ppm	s on Drying	≤ 0.4%
(-), -)	id (Pb)	≤ 3ppm
Arsenic (As) ≤ 1ppm	enic (As)	≤ 1ppm
Mercury (Hg) ≤ 0.1ppm	rcury (Hg)	≤ 0.1ppm
Cadmium (Cd) ≤ 1ppm		≤ 1ppm
Pharmacopoeia Specification(s) Conforms to USP	armacopoeia Specification(s)	Conforms to USP

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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