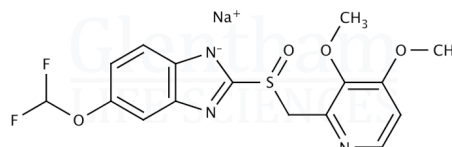


## Certificate of Analysis

Product Name Pantoprazole sodium hydrate  
Glentham Code GK4022  
CAS Number 718635-09-7  
Additional CAS 164579-32-2  
Additional CAS 138786-67-1 (anhyd.)  
Additional CAS 102625-70-7 (base)  
Batch Number 143LNL

Molecular Weight 405.35 (anhydrous)  
Molecular Formula  $C_{16}H_{14}F_2N_3O_4S \cdot Na \cdot xH_2O$   
Storage Temp. -20°C



Property	Specification	Batch 143LNL
Physical Description	White to off-white powder	Almost white powder
Identification	According to USP	Conforms
Heavy Metals	≤ 20ppm	Conforms
Organic Impurities	Compound A: ≤ 0.20%	0.01%
	Compound B: ≤ 0.15%	Not Detected
	Compound C: ≤ 0.10%	0.01%
	Compounds D + F: ≤ 0.20%	0.08%
	Any Other Impurity: ≤ 0.10%	0.01%
	Total impurities: ≤ 0.5%	0.2%
Water	5.0 - 8.0 %	6.4%
Assay	98.0 - 102.0 % (anhydrous basis)	99.60%
Pharmacopoeia Specification(s)	USP	Conforms to USP37

Specification Version v1.0  
Manufacture Date 2015-04-22  
Re-Test Date 2027-06-08

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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