Draft — Not for implementation

Attachment II

Sample Formats—

Form FDA 356h

for

Ammonia N 13 Injection Fludeoxyglucose F 18 Injection (FDG F 18) and Sodium Fluoride F 18 Injection

Date: 25-Jan-2011

DEPARTMENT OF HEALTH AND HUMAN SERVICES	3
FOOD AND DRUG ADMINISTRATION	

APPLICATION TO MARKET A NEW DRUG, BIOLOGIC, OR AN ANTIBIOTIC DRUG FOR HUMAN USE

(Title 21, Code of Federal Regulations, Parts 314 & 601)

Form Approved: OMB No. 0910-0338 Expiration Date: September 30, 2008 See OMB Statement on page 2.

FOR FDA USE ONLY

APPLICATION NUMBER

APPLICANT INFORMATION	• · · · · · · · · · · · · · · · · · · ·		
NAME OF APPLICANT	DATE OF SUBMISSION		
TELEPHONE NO. (Include Area Code)	FACSIMILE (FAX) Number (Include Area Code)		
APPLICANT ADDRESS (Number, Street, City, State, Country, ZIP Code or Mail Code, and U.S. License number if previously issued):	AUTHORIZED U.S. AGENT NAME & ADDRESS (Number, Street, City, State, ZIP Code, telephone & FAX number) IF APPLICABLE		
PRODUCT DESCRIPTION			
NEW DRUG OR ANTIBIOTIC APPLICATION NUMBER, OR BIOLOGICS LICENSE A	PPLICATION NUMBER (If previously issued)		
ESTABLISHED NAME (e.g., Proper name, USP/USAN name)	PROPRIETARY NAME (trade name) IF ANY		
Fludeoxyglucose F 18 Injection	none		
CHEMICAL/BIOCHEMICAL/BLOOD PRODUCT NAME (If any)	CODE NAME (If any)		
DOSAGE FORM: STRENGTHS:	ROUTE OF ADMINISTRATION:		
Injection	Intravenous		
(PROPOSED) INDICATION(S) FOR USE: In Positron Emission Tomography fo	r		
APPLICATION DESCRIPTION			
	BBREVIATED NEW DRUG APPLICATION (ANDA, 21 CFR 314.94)		
BIOLOGICS LICENSE APPLICATION (BL	A, 21 CFR Part 601)		
IF AN ANDA, OR 505(b)(2), IDENTIFY THE REFERENCE LISTED DRUG PRODUCT			
Name of Drug			
	AMENDMENT TO APENDING APPLICATION		
LABELING SUPPLEMENT	CONTROLS SUPPLEMENT		
IF A SUBMISSION OF PARTIAL APPLICATION, PROVIDE LETTER DATE OF AGRE			
	CBE-30 Prior Approval (PA)		
REASON FOR SUBMISSION Complete new application that has never before	been submitted.		
PROPOSED MARKETING STATUS (check one)			
ESTABLISHMENT INFORMATION (Full establishment information should be provided in the body of the Application.) Provide locations of all manufacturing, packaging and control sites for drug substance and drug product (continuation sheets may be used if necessary). Include name, address, contact, telephone number, registration number (CFN), DMF number, and manufacturing steps and/or type of testing (e.g. Final dosage form, Stability testing) conducted at the site. Please indicate whether the site is ready for inspection or, if not, when it will be ready.			
Cross References (list related License Applications, INDs, NDAs, PMAs, 510(k)s, IDEs, BMFs, and DMFs referenced in the current application)			

FORM FDA 356h (10/05)

This ap	oplication contains the following items: (Check all that apply)
$\overline{\checkmark}$	1. Index
\checkmark	2. Labeling (check one) I Draft Labeling Final Printed Labeling
\checkmark	3. Summary (21 CFR 314.50 (c))
<	4. Chemistry section
	A. Chemistry, manufacturing, and controls information (e.g., 21 CFR 314.50(d)(1); 21 CFR 601.2)
	B. Samples (21 CFR 314.50 (e)(1); 21 CFR 601.2 (a)) (Submit only upon FDA's request)
	C. Methods validation package (e.g., 21 CFR 314.50(e)(2)(i); 21 CFR 601.2)
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	6. Human pharmacokinetics and bioavailability section (e.g., 21 CFR 314.50(d)(3); 21 CFR 601.2)
	7. Clinical Microbiology (e.g., 21 CFR 314.50(d)(4))
	8. Clinical data section (e.g., 21 CFR 314.50(d)(5); 21 CFR 601.2)
	9. Safety update report (e.g., 21 CFR 314.50(d)(5)(vi)(b); 21 CFR 601.2)
	10. Statistical section (e.g., 21 CFR 314.50(d)(6); 21 CFR 601.2)
	11. Case report tabulations (e.g., 21 CFR 314.50(f)(1); 21 CFR 601.2)
	12. Case report forms (e.g., 21 CFR 314.50 (f)(2); 21 CFR 601.2)
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	14. A patent certification with respect to any patent which claims the drug (21 U.S.C. 355 (b)(2) or (j)(2)(A))
	15. Establishment description (21 CFR Part 600, if applicable)
	16. Debarment certification (FD&C Act 306 (k)(1))
	17. Field copy certification (21 CFR 314.50 (I)(3))
\checkmark	18. User Fee Cover Sheet (Form FDA 3397)
	19. Financial Information (21 CFR Part 54)
	20. OTHER (Specify)
CERTIF	CATION
warnings requests including 1 2 3 4 5 6 7 If this ap product The data	 o update this application with new safety information about the product that may reasonably affect the statement of contraindications, s, precautions, or adverse reactions in the draft labeling. I agree to submit safety update reports as provided for by regulation or as ad by FDA. If this application is approved, I agree to comply with all applicable laws and regulations that apply to approved applications, but not limited to the following: Good manufacturing practice regulations in 21 CFR Parts 210, 211 or applicable regulations, Parts 606, and/or 820. Biological establishment standards in 21 CFR Part 600. Labeling regulations in 21 CFR Parts 201, 606, 610, 660, and/or 809. In the case of a prescription drug or biological product, prescription drug advertising regulations in 21 CFR Part 202. Regulations on making changes in application in FD&C Act section 506A, 21 CFR 314.71, 314.72, 314.97, 314.99, and 601.12. Local, state and Federal environmental impact laws. plication applies to a drug product that FDA has proposed for scheduling under the Controlled Substances Act, I agree not to market the until the Drug Enforcement Administration makes a final scheduling decision. a and information in this submission have been reviewed and, to the best of my knowledge are certified to be true and accurate. g: A willfully false statement is a criminal offense, U.S. Code, title 18, section 1001.
SIGNATI	RE OF RESPONSIBLE OFFICIAL OR AGENT TYPED NAME AND TITLE DATE:

ADDRESS (Street, City, State, and ZIP Code)	· _ · · · ·	Telephone Number	
		· · · · · · · · · · · · · · · · · · ·	

Public reporting burden for this collection of information is estimated to average 24 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to:

Department of Health and Human Services Food and Drug Administration Center for Drug Evaluation and Research Central Document Room 5901-B Ammendale Road Beltsville, MD 20705-1266 Department of Health and Human Services Food and Drug Administration Center for Biologics Evaluation and Research (HFM-99) 1401 Rockville Pike Rockville, MD 20852-1448

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FORM FDA 356h (10/05)

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PAGE 2 OF 4

DEPARTMENT OF HEALTH AND HUMAN SERVICES
FOOD AND DRUG ADMINISTRATION

APPLICATION TO MARKET A NEW DRUG, BIOLOGIC, OR AN ANTIBIOTIC DRUG FOR HUMAN USE

(Title 21, Code of Federal Regulations, Parts 314	& 601)	APPLICATION NUMBER	
APPLICANT INFORMATION		· .	
NAME OF APPLICANT	DATE OF SUBMISSION		
TELEPHONE NO. (Include Area Code)	FACSIMILE (FAX) Number (II	nclude Area Code)	
APPLICANT ADDRESS (Number, Street, City, State, Country, ZIP Code or Mail Code, and U.S. License number if previously issued): ZIP Code, telephone & FAX number) IF APPLICABLE		• • • • • •	
		<u> </u>	
PRODUCT DESCRIPTION	<u> L</u>		
NEW DRUG OR ANTIBIOTIC APPLICATION NUMBER, OR BIOLOGICS LICENSE A		iously issued)	
ESTABLISHED NAME (e.g., Proper name, USP/USAN name)	PROPRIETARY NAME (trade		
Sodium Fluoride F 18 Injection	none	· · · · · · · · · · · · · · · · · · ·	
CHEMICAL/BIOCHEMICAL/BLOOD PRODUCT NAME (If any)		CODE NAME (If any)	
	· · · · · ·		
DOSAGE FORM: STRENGTHS:		ROUTE OF ADMINISTRATION:	
Injection		Intravenous	
(PROPOSED) INDICATION(S) FOR USE: In Desites Emission Temperature (
In Positron Emission Tomography fo	r		
APPLICATION DESCRIPTION			
APPLICATION TYPE (check one) INEW DRUG APPLICATION (CDA, 21 CFR 314.50)		PLICATION (ANDA: 21 CER 314 94)	
	505 (b)(2)		
IF AN ANDA, DENTITY THE AFFRONTICE THE REFERENCE LISTED DRUG PRODUCT		SUBMISSION	
	Ider of Approved Application		
TYPE OF SUBMISSION (check one)	AMENDMENT TO APENDING AP		
LABELING SUPPLEMENT	CONTROLS SUPPLEMENT	OTHER	
IF A SUBMISSION OF PARTIAL APPLICATION, PROVIDE LETTER DATE OF AGRE	EMENT TO PARTIAL SUBMIS	SION:	
IF A SUPPLEMENT, IDENTIFY THE APPROPRIATE CATEGORY	све-30	Prior Approval (PA)	
REASON FOR SUBMISSION Complete new application that has never before	been submitted.		
PROPOSED MARKETING STATUS (check one)	T (Rx)	COUNTER PRODUCT (OTC)	
NUMBER OF VOLUMES SUBMITTED THIS APPL	ICATION IS		
ESTABLISHMENT INFORMATION (Full establishment information should be provided in the body of the Application.) Provide locations of all manufacturing, packaging and control sites for drug substance and drug product (continuation sheets may be used if necessary). Include name, address, contact, telephone number, registration number (CFN), DMF number, and manufacturing steps and/or type of testing (e.g. Final dosage form, Stability testing) conducted at the site. Please indicate whether the site is ready for inspection or, if not, when it will be ready.			
		· · · · · · · · · · · · · · · · · · ·	
Cross References (list related License Applications, INDs, NDAs, PMAs, 51	0(k)s, IDEs, BMFs, and DMF	s referenced in the current application)	
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Form Approved: OMB No. 0910-0338 Expiration Date: September 30, 2008 See OMB Statement on page 2.

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FORM FDA 356h (10/05)

This ap	oplication contains the following items: (Check all that apply)		
\checkmark	1. Index		
$\overline{\mathbf{v}}$	2. Labeling (check one) Image: Draft Labeling Final Printed Labeling		
\checkmark	3. Summary (21 CFR 314.50 (c))		
\checkmark	4. Chemistry section		
\leq	A. Chemistry, manufacturing, and controls information (e.g., 21 CFR 314.50(d)(1); 21 CFR 601.2)		
	B. Samples (21 CFR 314.50 (e)(1); 21 CFR 601.2 (a)) (Submit only upon FDA's request)		
$\mathbf{\nabla}$	C. Methods validation package (e.g., 21 CFR 314.50(e)(2)(i); 21 CFR 601.2)		
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	6. Human pharmacokinetics and bioavailability section (e.g., 21 CFR 314.50(d)(3); 21 CFR 601.2)		
	7. Clinical Microbiology (e.g., 21 CFR 314.50(d)(4))		
	8. Clinical data section (e.g., 21 CFR 314.50(d)(5); 21 CFR 601.2)		
	9. Safety update report (e.g., 21 CFR 314.50(d)(5)(vi)(b); 21 CFR 601.2)		
	10. Statistical section (e.g., 21 CFR 314.50(d)(6); 21 CFR 601.2)		
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	15. Establishment description (21 CFR Part 600, if applicable)		
$\overline{\mathbf{Z}}$	16. Debarment certification (FD&C Act 306 (k)(1))		
\checkmark	17. Field copy certification (21 CFR 314.50 (I)(3))		
	18. User Fee Cover Sheet (Form FDA 3397)		
	19. Financial Information (21 CFR Part 54)		
	20. OTHER (Specify)		
CERTIF	CATION		
I agree to update this application with new safety information about the product that may reasonably affect the statement of contraindications, warnings, precautions, or adverse reactions in the draft labeling. I agree to submit safety update reports as provided for by regulation or as			

requested by FDA. If this application is approved, I agree to comply with all applicable laws and regulations that apply to approved applications, including, but not limited to the following: 1. Good manufacturing practice regulations in 21 CFR Parts 210, 211 or applicable regulations, Parts 606, and/or 820.

- 2. Biological establishment standards in 21 CFR Part 600.
- 3. Labeling regulations in 21 CFR Parts 201, 606, 610, 660, and/or 809.
- In the case of a prescription drug or biological product, prescription drug advertising regulations in 21 CFR Part 202.
 Regulations on making changes in application in FD&C Act section 506A, 21 CFR 314.71, 314.72, 314.97, 314.99, and 601.12.
- Regulations on Reports in 21 CFR 314.80, 314.81, 600.80, and 600.81. 6.
- Local, state and Federal environmental impact laws. 7.

If this application applies to a drug product that FDA has proposed for scheduling under the Controlled Substances Act, I agree not to market the product until the Drug Enforcement Administration makes a final scheduling decision.

The data and information in this submission have been reviewed and, to the best of my knowledge are certified to be true and accurate. Warning: A willfully false statement is a criminal offense, U.S. Code, title 18, section 1001.

SIGNATURE OF RESPONSIBLE OFFICIAL OR A	GENT TYPED NAME AND TITLE	DATE:		
ADDRESS (Street, City, State, and ZIP Code)		Telephone Number		
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FORM FDA 356h (10/05)

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APPLICATION TO MARKET A NEW DRUG, BIOLOGIC,		Form Approved: OMB No. 0910-0338 Expiration Date: September 30, 2008 See OMB Statement on page 2.	
		FOR FDA USE ONLY	
OR AN ANTIBIOTIC DRUG FOR HUMA		APPLICATION NUMBER	
(Title 21, Code of Federal Regulations, Parts 314 & 601)			
APPLICANT INFORMATION		I	
NAME OF APPLICANT	DATE OF SUBMISSION		
TELEPHONE NO. (Include Area Code)	FACSIMILE (FAX) Number (I	Include Area Code)	
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PRODUCT DESCRIPTION			
NEW DRUG OR ANTIBIOTIC APPLICATION NUMBER, OR BIOLOGICS LICENSE A	PPLICATION NUMBER (If prev	viously issued)	
ESTABLISHED NAME (e.g., Proper name, USP/USAN name)	PROPRIETARY NAME (trade	e name) IF ANY	
Ammonia N 13 Injection	none		
CHEMICAL/BIOCHEMICAL/BLOOD PRODUCT NAME (If any)		CODE NAME (If any)	
DOSAGE FORM: STRENGTHS:	·	ROUTE OF ADMINISTRATION:	
Injection		Intravenous	
(PROPOSED) INDICATION(S) FOR USE: In Positron Emission Tomography for	r		
APPLICATION DESCRIPTION			
APPLICATION TYPE (check one) NEW DRUG APPLICATION (CDA, 21 CFR 314.50) AN BIOLOGICS LICENSE APPLICATION (BL		PLICATION (ANDA, 21 CFR 314.94)	
	505 (b)(2)		
IF AN ANDA, OR 505(b)(2), IDENTIFY THE REFERENCE LISTED DRUG PRODUCT		E SUBMISSION	
Name of Drug	ider of Approved Application		
	AMENDMENT TO APENDING AF MENT DESCRIPTION SUPPLEMEN CONTROLS SUPPLEMENT		
IF A SUBMISSION OF PARTIAL APPLICATION, PROVIDE LETTER DATE OF AGRE		SION	
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