Template Provided By:

Cancer Imaging Program

National Cancer Institute

Reagent/Supply Specification Sheet

(Refer to GEN-M001)

Reagent/Supply: **Potassium Carbonate, (K_2CO_3)**

Storage Conditions: Room Temperature *(if applicable)*

Internal Tracking Code: SS-KCA

MSDS On File? Y N N/A *(circle one)*

Suppliers:

Vendor	Address	Telephone Number	MSDS Available	Vendor Designation (If Needed)
Sigma-Aldrich	**P.O. Box 2060 Milwaukee, WI 53201**	1-800-558-9160 (Fax) 1-800-962-9591	Yes	A
Mallinckrodt Baker, Inc.	**222 Red School Lane Phillipsburg, NJ 08865**	1-800-582-2537 (Fax) 1-908-859-6905	Yes	B

Ordering Information:

Vendor	Catalog Number	Description	Size/Units	Bulk Quantities	Certificate of Analysis Available
Sigma-Aldrich	**36,787-7**	K_2CO_3 99.995%, white powder	10 g, 50 g	N/A	Yes
Mallinckrodt Baker, Inc.	**3012-01**	Anhydrous, Granular, 'Baker Analyzed'® ACS Reagent	500 g	N/A	Yes

NCI Internal Specifications: For all non-USP reagents, the certificate of analysis will be compared with the listed internal specifications to ensure that the manufacturers are still testing the product consistently and utilizing the same standards to determine quality, purity, and identity of the reagents.

Parameter	Test Methodology	Specification
Appearance	**White Granular Powder**	**Passes Test**
Amount of CO_3	**Titration**	**43%**
Potassium Component	**ICP Assay**	**Passes Test**
Purity	**Trace Metals Analysis**	**Passes Test**

Regulatory Affairs Approval: _____ **Date:** _____

Signature

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