



Integrity Ingredients Corporation

Product Specification

IntegriVITAMIN DL Panthenol

INCI Nomenclature: Panthenol

Analytical Items	Specifications
Description	White Crystalline Powder
Taste and Odor	
Identification	Positive
Melt Range From:	Min. 64.5° C
Melt Range To:	Max. 68.5°
Heavy Metals	Max. 20 ppm
Specific Rotation(a) _D ²⁰	-0.05 ~ +0.05°
Loss on Drying	Max. 0.5%
Water (K.F. Method)	Reference Data
Residue on Ignition	Max. 0.1%
Aminopropanol	Max. 0.10%
Organic Volatile Impurities	Within Limits
Methylene Chloride	Max. 600 ppm
Assay	99.0 ~ 102%

Integrity Ingredients Corporation * P.O. Box 5040 * Playa del Rey, CA 90296
Phone (310)355-0282 * Fax (310)355-0905
email info@integrityingredientscorp.com * www.integrityingredientscorp.com

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