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TECHNICAL DATA SHEET LL-8117 LAUROYL LYSINE TREATED TITANIUM DIOXIDE

Version: 1/2024 **New: 10/01/2024** **Date Issued: 11/13/2024**

INCI Names	Titanium Dioxide, Lauroyl Lysine
CAS Numbers	13463-67-7 (Titanium Dioxide), 52315-75-0 (Lauroyl Lysine)
EINECS Numbers	236-675-5 (Titanium Dioxide), 257-843-4 (Lauroyl Lysine)
CI Names	Pigment White 6
CI Numbers	77891

Tests Conducted on Substrate

Heavy Metals Content

Antimony	not more than	2 ppm
Arsenic	not more than	1 ppm
Cadmium	not more than	1 ppm
Lead	not more than	10 ppm
Mercury	not more than	1 ppm
Zinc	not more than	50 ppm

Chemical Properties

Assay	99.0-100.5%
Loss on drying	not more than 0.5%
Loss on ignition @800° C	not more than 0.5%
Water soluble substances	not more than 0.25%
Acid soluble substances	not more than 0.5%

Particle Size Analysis

Available Upon Request

Microbiological Limits

Combined count of less than 50 microorganisms per gram and the absence of gram negative bacteria.

Shelf Life

3 years (Sealed drums under ambient conditions)

Regulatory

Substrate conforms to US CFR Title 21, Parts 73.575, 73.1575,73.2575 , EU No 231/2012 specifications E-171 and current USP Monograph for titanium dioxide