



# TECHNICAL DATA SHEET

## D & C RED 33 ALUM LAKE

*Hue:* **Bright yellowish pink**  
*Chemical Family:* **MONOAZO DYE**  
*CAS Number:* **3567-66-6**  
*Color Index Name:* **ACID RED 33**  
*Color Index Number:* **17200**  
*Appearance / Odor:* **REDDISH POWDER, NO ODOR**  
*Einecs Number:* **222-656-9**  
*Molecular Weight:* **467.38**  
*pH:* **6.0 - 8.0**  
*Pure Dye Content, (%):* **82% MIN.**  
*REACH Compliance:* **05-2114650627-43-0000**  
*Arsenic:* **<3 ppm**  
*Lead:* **<20 ppm**  
*Mercury:* **<1 ppm**

*Solubility:* **PEG, DEG**

Uses: *Use Statement:* **3% in lipsticks and 0.75mg per daily dose in other ingested drugs (all by weight of the finished product). Dentifrices, mouthwashes and externally applied Drugs and Cosmetics -- consistent with Good Manufacturing Practices.**

Regulatory: **21CFR Sec. 74.1333 & 74.2333, Directive 76/768/EEC, Annex IV Part 1 (compliant for cosmetic products)**

Expiration Date: **Indefinite\***

*Microbiological Analysis:* **TKB declares that the typical level of micro biological organisms will be as per below levels in our synthetic food, drug and cosmetic colorants. Though microbiological limits are not included in any legislations, as part of good manufacturing practices (GMP), we establish these levels as a benchmark.**

<b>TOTAL VIABLE BACTERIAL COUNT</b>	<b>&lt;1000cfu/g</b>
<b>TOTAL YEAST FUNGI (MOLD) COUNT</b>	<b>&lt;100cfu/g</b>
<b>TEST FOR PRESENCE OF STAPHYLOCOCCUS AUREUS</b>	<b>ABSENT IN 10g</b>
<b>TEST FOR PRESENCE OF E-COLI</b>	<b>ABSENT IN 10g</b>
<b>TEST FOR PRESENCE OF SALMONELLA</b>	<b>ABSENT IN 10g</b>
<b>TEST FOR PRESENCE OF PSEUDOMONAS</b>	<b>ABSENT IN 10g</b>

*\*Shelf Life Statement:*

*TKB TRADING LLC states that this product is considered good indefinitely as long as the original seal is in tact, the original label is still in tact and legible, and the container is in good condition and has not been compromised. Keep all opened containers tightly sealed, in an area that is secure, clean, and with ambient temperatures.*

**WARRANTY, DISCLAIMER OF WARRANTIES AND LIMITATIONS OF REMEDY:** *TKB TRADING LLC. makes every effort to assure that the information herewith enclosed in this transmission is accurate and current, to the best of our knowledge. Beyond the scope of these claims, TKB TRADING LLC makes no promises as to the performance of our products in our customers finished applications; neither can we anticipate end-use characteristics. Likewise it is the end-user's responsibility to assure that TKB TRADING LLC dye products are in compliance with all local, federal and global regulations regarding the storage, the use and the disposal of these same dye products. TKB TRADING LLC provides these materials for informational purposes only and does not hereby make any express or implied warranty regarding merchantability, fitness for a particular purpose, regulatory compliance, or any other matter.*