CERTIFICATE OF ANALYSIS

Representative Sample

Product Name: FD&C Blue 1 Aluminum Lake LM
INCI Name: CI 42090
Classification: CI 42090:2 (FD&C Blue No. 1 Aluminum Lake)
Document Type: Representative Sample — values reflect typical/historical lot data

No.	Test	Units	FDA Specification	Typical Result
1	Spectrophotometric Assay (% Dye Content)	% w/w	18.00 min	≥ 20.0
2	Tartrate Buffer Titration	% w/w	—	Typical: 25–30
3	Water Insoluble Matter (HCl)	% w/w	0.50 max	≤ 0.10
4	Mercury	mg/kg	1.00 max	Passes Test
5	Lead (as Pb)	mg/kg	10.00 max	< 2
6	Arsenic (as As)	mg/kg	3.00 max	≤ 2.50

NF = Not Found | PT = Passes Test | Typical values represent historical lot data and are not a guarantee of specific lot performance.

This product complies with the requirements of 21 CFR (Code of Federal Regulations) for FD&C; color additives and is suitable for use in cosmetics, drugs, and foods in accordance with applicable U.S. FDA regulations. This certificate reflects representative/typical values for this product grade and is not specific to any individual lot.

The information provided in this Certificate of Analysis is correct to the best of TKB Trading's knowledge at the time of issue. Typical values represent historical data and do not constitute a warranty for any specific lot. It is the end-user's responsibility to confirm compliance with all applicable local, federal, and global regulations regarding storage, use, and disposal of this material. TKB Trading provides this document for informational purposes only and makes no express or implied warranty regarding merchantability, fitness for a particular purpose, or regulatory compliance beyond what is stated herein. Questions: support@tkbtrading.com

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