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Certificate of Analysis

Product Description: Tranexamic Acid, meets USP
Catalog Number: 180973
Lot: Q4108**Formula:** $C_8H_{15}NO_2$
CAS #: 1197-18-8
Physical Description: White solid**Formula Weight:** 157.2
Storage: 15-30°C, desiccate, protect from light

Test	Specification	Result
Identity Test (FTIR)	Conforms to Standard	Conforms to Standard
Assay (titration)	99.0 - 101.0%	99.6% (Dry Basis)
Purity (HPLC)	>99.0%	>99.6%
Impurities Impurity A Impurity B Impurity C Impurity D Total Impurities	$\leq 0.1\%$ $\leq 0.2\%$ $\leq 0.1\%$ $\leq 0.1\%$ $\leq 0.2\%$	Not detected Not detected Below the disregard limit Below the disregard limit Below the disregard limit
Loss on Drying	$\leq 0.5\%$	0.2%
Residue on Ignition	$\leq 0.1\%$	0.04%
Chloride	≤ 140 ppm	≤ 140 ppm
Heavy metals	≤ 10 ppm	≤ 10 ppm
Recommended Retest Date	MM/DD/YEAR	01/31/2018

A handwritten signature in black ink, appearing to read 'J Huang'.

05/05/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control ManagerThis is an electronically generated document
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