

Certificate of Analysis

Product Description: Procaine Hydrochloride

Catalog Number: 190260

Lot: YC10067

Formula : C₁₃H₂₀N₂O₂ • HCl

CAS #: 51-05-8

Physical Description: White to Off-white Crystals

Formula Weight: 272.77

Storage: 15 - 30°C

| Test | Specification | Result |
|-------------------|----------------------|----------------------|
| Identity Test | Passes | Passes |
| FTIR | Conforms to Standard | Conforms to Standard |
| Melting Point | 150 - 160°C | 154.5-156.0°C |
| pH (0.1M aq soln) | 4.5 - 6.5 | 6.08 |

Loss on Drying: 0.03%

Residue on Ignition: 0.06%

Heavy Metals: <5 ppm

Chromatographic Purity: Conforms

Assay : 100.0%

Bacterial Endotoxins: <0.6 EU/mg

Recommended Retest Date (MM/DD/YYYY): 09/03/2025



11/16/2022 - Lily Liu

MP Biomedicals, LLC.

QM

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